

APPENDIX L
Reference Copies



Water Well ReportTM

September 18, 2007

CLIENT

PARSONS, INC.-NORCROSS
5390 Triangle Pkwy, Suite 100
Norcross, GA 30092

SITE

Brown Field Bombing Range
San Diego, California
744653 29000
091807

P.O. Box 12851, Capitol Station, Austin, TX 78711
1601 Rio Grande, Suite 500, Austin, TX 78701
512.478.0059 FAX 512.478.1433 e-mail banks@banksinfo.com
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The map displays the Chula Vista area, centered on the Sharp Chula Vista Medical Center (marked with a red 'P' and '19 #'). To the south is Brown Field Mall (marked with a red 'B' and '1 #'). Major roads include I-15 (red line on the left), STHY 905 (orange line), and STHY 117 (orange line). Local streets shown include Terra Nova Dr, E J St, E H St, Paseo Entrada, Otay Lakes Rd, Clubhouse Dr, Maxwell Rd, Wiley Rd, Otay Mesa Rd, Airway Rd, Siempre Viva Rd, Marconi Dr, Perimeter Rd, Beyer Blvd, Dillon Trl, Jeep Trl, Cactus Rd, and Arey Dr. A large black circle is drawn around the medical center area. A compass rose is located in the bottom left corner.



Water Well ReportTM

DETAILS

State ID	18S-1W-22	MAP ID
Banks ID	0607300837	1
Owner Of Well	UNITED ENTERPRISES, INC.	
Type Of Well	N/A	
Depth Drilled	160 '	
Completion Date	3/5/1987	
Longitude	-116.96834	
Latitude	32.59136	

State ID	18S-1W-22	MAP ID
Banks ID	0607300837	1
Owner Of Well	UNITED ENTERPRISES, INC.	
Type Of Well	N/A	
Depth Drilled	160 '	
Completion Date	3/5/1987	
Longitude	-116.96834	
Latitude	32.59136	

State ID	18S-1W-34F	MAP ID
Banks ID	0607300840	2
Owner Of Well	GOLDEN WEST PACKING CO.	
Type Of Well	Irrigation	
Depth Drilled	1025 '	
Completion Date	3/5/1954	
Longitude	-116.97693	
Latitude	32.5896	

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Water Well ReportTM

DETAILS

State ID	18S-1W-26	MAP ID
Banks ID	0607300838	3
Owner Of Well	CALIFORNIA DEPT OF TRANSPORTATION	
Type Of Well	Irrigation	
Depth Drilled	500 '	
Completion Date	5/28/2004	
Longitude	-116.96114	
Latitude	32.57888	

State ID	18S-1W-26L	MAP ID
Banks ID	0607300851	4
Owner Of Well	HENERY PIPER	
Type Of Well	Irrigation	
Depth Drilled	1030 '	
Completion Date	9/28/1953	
Longitude	-116.95646	
Latitude	32.57437	

State ID	18S-1W-26F	MAP ID
Banks ID	0607300852	4
Owner Of Well	HENRY PIPER	
Type Of Well	N/A	
Depth Drilled	758 '	
Completion Date	5/19/1951	
Longitude	-116.9567	
Latitude	32.57448	

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Water Well ReportTM

DETAILS

State ID	18S-1W-26F	MAP ID
Banks ID	0607300852	4
Owner Of Well	HENRY PIPER	
Type Of Well	N/A	
Depth Drilled	758 '	
Completion Date	5/19/1951	
Longitude	-116.9567	
Latitude	32.57448	

State ID	18S-1W-26	MAP ID
Banks ID	0607300864	4
Owner Of Well	HENRY PIPER	
Type Of Well	Irrigation	
Depth Drilled	1067 '	
Completion Date	4/20/1955	
Longitude	-116.95671	
Latitude	32.57444	

State ID	18S-1W-34F	MAP ID
Banks ID	0607300855	5
Owner Of Well	ROBERT EGGER	
Type Of Well	Irrigation	
Depth Drilled	1369 '	
Completion Date	8/20/1954	
Longitude	-116.97501	
Latitude	32.56141	

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Water Well ReportTM

DETAILS

State ID	18S-1W-33K	MAP ID
Banks ID	0607300861	5
Owner Of Well	J. A. PICKONE	
Type Of Well	Irrigation	
Depth Drilled	898 '	
Completion Date	7/20/1955	
Longitude	-116.97643	
Latitude	32.56022	

State ID	18S/1W-35K	MAP ID
Banks ID	0607300164	6
Owner Of Well	Fred W. Stafford	
Type Of Well	Irrigation	
Depth Drilled	1042 '	
Completion Date	9/19/1951	
Longitude	-116.95341	
Latitude	32.56186	

State ID	18S-1W-21	MAP ID
Banks ID	0607300836	7
Owner Of Well	OTAY AGRICULTURAL CORP	
Type Of Well	N/A	
Depth Drilled	110 '	
Completion Date	10/26/1951	
Longitude	-116.97498	
Latitude	32.61519	

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Water Well ReportTM

DETAILS

State ID	18S-1W-21	MAP ID
Banks ID	0607300836	7
Owner Of Well	OTAY AGRICULTURAL CORP	
Type Of Well	N/A	
Depth Drilled	110 '	
Completion Date	10/26/1951	
Longitude	-116.97498	
Latitude	32.61519	

State ID	18S-1W-33K	MAP ID
Banks ID	0607300860	8
Owner Of Well	MIKE VALORIA	
Type Of Well	Irrigation	
Depth Drilled	870 '	
Completion Date	7/3/1951	
Longitude	-116.98416	
Latitude	32.55859	

State ID	18S-1W-34N	MAP ID
Banks ID	0607300856	9
Owner Of Well	JAEKEL & ROGERS	
Type Of Well	Irrigation	
Depth Drilled	1415 '	
Completion Date	2/27/1956	
Longitude	-116.97828	
Latitude	32.55651	

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Water Well ReportTM

DETAILS

State ID	18S-1W-35K	MAP ID
Banks ID	0607300867	10
Owner Of Well	FRED W. STAFFORD	
Type Of Well	Irrigation	
Depth Drilled	1042 '	
Completion Date	9/19/1951	
Longitude	-116.95165	
Latitude	32.55838	

State ID	18S-1E-20	MAP ID
Banks ID	0607300847	11
Owner Of Well	SUN ROAD AUTO PARK	
Type Of Well	Domestic	
Depth Drilled	1000 '	
Completion Date	5/27/2005	
Longitude	-117.00475	
Latitude	32.59231	

State ID	18S-1W-9K1	MAP ID
Banks ID	0607300849	12
Owner Of Well	OTAY AGRICULTURAL CORP.	
Type Of Well	Irrigation	
Depth Drilled	540 '	
Completion Date	2/27/1952	
Longitude	-116.98447	
Latitude	32.61537	

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Water Well ReportTM

DETAILS

State ID	564919	MAP ID
Banks ID	0607300165	13
Owner Of Well	Otey Water Dist.	
Type Of Well	Industrial	
Depth Drilled	620 '	
Completion Date	1/2/1996	
Longitude	-116.94688	
Latitude	32.55928	

State ID	18S-1W-35	MAP ID
Banks ID	0607300841	13
Owner Of Well	OTAY WATER DISTRICT	
Type Of Well	Industrial	
Depth Drilled	620 '	
Completion Date	12/20/1995	
Longitude	-116.94705	
Latitude	32.55914	

State ID	18s-1w-35H	MAP ID
Banks ID	0607300866	13
Owner Of Well	ROLL BROTHERS RANCH	
Type Of Well	Irrigation	
Depth Drilled	930 '	
Completion Date	8/16/1951	
Longitude	-116.94585	
Latitude	32.56158	

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Water Well ReportTM

DETAILS

State ID	18S-1W-29Q	MAP ID
Banks ID	0607300857	14
Owner Of Well	RICHARD TAKASHIMA	
Type Of Well	Irrigation	
Depth Drilled	880 '	
Completion Date	2/10/1953	
Longitude	-117.00148	
Latitude	32.56981	

State ID	18s-1W-35Q	MAP ID
Banks ID	0607300865	15
Owner Of Well	FRED STAFFORD & SON	
Type Of Well	Irrigation	
Depth Drilled	1197 '	
Completion Date	8/3/1954	
Longitude	-116.95106	
Latitude	32.55466	

State ID	18S-1W-20	MAP ID
Banks ID	0607300834	16
Owner Of Well	UNITED ENTERPRISES, INC.	
Type Of Well	Other	
Depth Drilled	115 '	
Completion Date	2/26/1987	
Longitude	-117.01323	
Latitude	32.59333	

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Water Well ReportTM

DETAILS

State ID	18S-1W-32C	MAP ID
Banks ID	0607300858	17
Owner Of Well	RAY CARVAJAL	
Type Of Well	Irrigation	
Depth Drilled	1210 '	
Completion Date	6/2/1955	
Longitude	-117.00825	
Latitude	32.5658	

State ID	18S-1W-32D	MAP ID
Banks ID	0607300859	17
Owner Of Well	RAY CARVAJAL	
Type Of Well	Irrigation	
Depth Drilled	1165 '	
Completion Date	7/1/1960	
Longitude	-117.011	
Latitude	32.56773	

State ID	18S-1W-31H	MAP ID
Banks ID	0607300853	18
Owner Of Well	TOM YONEKURA	
Type Of Well	Irrigation	
Depth Drilled	1148 '	
Completion Date	9/20/1957	
Longitude	-117.01537	
Latitude	32.56461	

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DETAILS

State ID	18S-1W-7	MAP ID
Banks ID	0607300832	19
Owner Of Well	OTAY PROJECT LLC	
Type Of Well	Irrigation	
Depth Drilled	700 '	
Completion Date	3/20/1998	
Longitude	-117.00139	
Latitude	32.62342	

State ID	18S-1W-30L	MAP ID
Banks ID	0607300854	20
Owner Of Well	MIKE IGUCHI	
Type Of Well	Irrigation	
Depth Drilled	0 '	
Completion Date	9/12/1952	
Longitude	-117.02733	
Latitude	32.57379	

State ID	18S-1W-19D	MAP ID
Banks ID	0607300862	21
Owner Of Well	W ELLERSON	
Type Of Well	Domestic	
Depth Drilled	175 '	
Completion Date	10/15/1951	
Longitude	-117.0289	
Latitude	32.59736	

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DETAILS

State ID	18S-2W-24H	MAP ID
Banks ID	0607300868	22
Owner Of Well	MR DAVIES	
Type Of Well	N/A	
Depth Drilled	460 '	
Completion Date	7/1/1947	
Longitude	-117.03451	
Latitude	32.59277	

State ID	18S-2W-24H	MAP ID
Banks ID	0607300868	22
Owner Of Well	MR DAVIES	
Type Of Well	N/A	
Depth Drilled	460 '	
Completion Date	7/1/1947	
Longitude	-117.03451	
Latitude	32.59277	

State ID	18S-1W-21	MAP ID
Banks ID	0607300835	23
Owner Of Well	OTAY AGRICULTURAL CORP	
Type Of Well	Irrigation	
Depth Drilled	591 '	
Completion Date	1/3/1952	
Longitude	-117.0111	
Latitude	32.63394	

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Water Well Report™ Research Mapping Protocol

The Banks Information Solutions, Inc. Water Well Report™ is prepared from existing state water well databases and additional file data/records research conducted at the State of California Department of Water Resources. Submission of water well drillers logs is mandatory under California law. It should be noted that the California water well law applies to all persons constructing, altering, or destroying water wells regardless of whether or not they are engaged in the business of well construction. The law also applies to persons who convert, for use as a water well, an oil or gas well originally constructed under the jurisdiction of the Department of Conservation. More importantly, Banks (as well as any other public entity) is not granted the privilege of viewing, analyzing, or photocopying any filed notice of intent to engage in water well drilling activity or any completion reports, drillers logs, and well schedules. This rule inhibits the public from obtaining crucial data involving owner name, well use, total depth, drill date, etc. The public, in certain instances, can obtain, by law, limited data found on state location maps and groundwater analysis records. Please note the following opinion released on March 30, 1970 from the office of Chief Counsel Porter A. Towner, Department of Water Resources:

"Section 13752 (California Water Code) provides that the information in the logs and reports 'shall not be made available for inspection by the public but shall be made available to governmental agencies for use in making studies, provided that any report shall be made available to any person who obtains a written authorization from the owner of the water well.' When a governmental agency hires you as a consultant, that agency can release the information in the log to you for use in a study, but you would be subject to the same limitations as the public agency. Publication of specific items of information from the well reports, including the well logs, without the consent of the owner(s), is prohibited. You may publish discussions of groundwater conditions in an area described by section, township, and range, even though the conditions were established in whole or in part from studies of well reports. Reference to a specific well must be omitted if the information is derived from the report rather than an independent source. The best way for making the information available without restriction and to use it in a public report is to obtain written releases from the owners of the well."

Banks Information Solutions, Inc. has performed a thorough and diligent search of all groundwater well information provided and recorded with the California Department of Water Resources. All mapped locations are based on information obtained from the Department of Water Resources. Although Banks performs quality assurance and quality control on all research projects, we recognize that any inaccuracies of the records and mapped well locations could possibly be traced to the Department of Water Resources or the actual driller. It may be possible that some water well schedules and logs have never been submitted to the Department of Water Resources, as required by law, and thus may explain the possible unaccountability of privately drilled wells. It is uncertain if the above listing provides 100% of the existing wells within the area of review. Therefore, Banks Information Solutions, Inc. cannot fully guarantee the accuracy of the data or well location(s) of those maps and records maintained by the California Department of Water Resources.



Water Well ReportTM

DETAILS

State ID	18S-2W-24K	MAP ID
Banks ID	0607300869	24
Owner Of Well	RICHARD T. TAKASHIMA	
Type Of Well	N/A	
Depth Drilled	412 '	
Completion Date	9/1/1944	
Longitude	-117.0396	
Latitude	32.59024	

State ID	18S-2W-24K	MAP ID
Banks ID	0607300869	24
Owner Of Well	RICHARD T. TAKASHIMA	
Type Of Well	N/A	
Depth Drilled	412 '	
Completion Date	9/1/1944	
Longitude	-117.0396	
Latitude	32.59024	

State ID	17S-1W-35	MAP ID
Banks ID	0607300846	25
Owner Of Well	CITY OF CHULA VISTA	
Type Of Well	Irrigation	
Depth Drilled	65 '	
Completion Date	1/28/1974	
Longitude	-116.94531	
Latitude	32.6449	

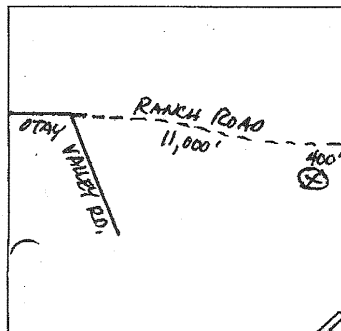
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MAP ID

1

ORIGINAL

File with DWR

Notice of Intent No. 227153
Local Permit No. or Date W30234STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORTDo not fill in
No. 159097State Well No. _____
Other Well No. _____(1) OWNER: Name United Enterprises, Inc.
Address 1007 5th St.
City San Diego, Calif. Zip 92101(2) LOCATION OF WELL (See instructions):
County San Diego Owner's Well Number #2
Well address if different from above Otay Valley Road
Township 22 18S Range 1W Section 22 21
Distance from cities, roads, railroads, fences, etc. _____(12) WELL LOG: Total depth 160 ft. Depth of completed well 160 ft.
from ft. to ft. Formation (Describe by color, character, size or material)
0-8 gravelly sand, brown
8-18 sandy clay, brwn w/tan & black
18-26 gravelly sand, tan to orange brn
26-37 sandy clay, red brown
37-46 silty sand, tan brown
46-140 alternating sandy clays, silty
clay
140-160 silty sands w/some clay

(3) TYPE OF WORK:

New Well ☒ Deepening ☐
Reconstruction ☐
Reconditioning ☐
Horizontal Well ☐Destruction ☐ (Describe destruction materials and procedures in Item 12)

(4) PROPOSED USE:

Domestic ☐
Irrigation ☐
Industrial ☐
Test Well ☐
Stock ☐
Municipal ☐Other Perimeter

WELL LOCATION SKETCH

(5) EQUIPMENT:

Rotary ☒ Reverse ☐
Cable ☐ Air ☒
Other ☐ Bucket ☐(6) GRAVEL PACK: Long SandRe ☒ No ☐ Size 20
Diameter of bore 7 5/8
Packed from _____ to _____ ft.

GRAVEL PACK INFORMATION:

160-132'

96'-73'

34'-18'

(7) CASING INSTALLED:

Steel ☒ Plastic ☒ Concrete ☐

(8) PERFORATIONS:

Type of perforation or size of screen

From ft.	To ft.	Dia. in.	Gage of Wall	From ft.	To ft.	Slot size
0	140	2	sch40	140	160	.02"
0	80	2	sch40	80		.02"
0	20	2	sch40	20		.02"

BENTONITE SEAL INFO:

96' - 132'

73' - 34'

18' - 17'

concrete 17' to surface

(9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 18 ft.Were strata sealed against pollution? Yes ☒ No ☐ Interval _____ ft.Method of sealing bentonite & concrete

(10) WATER LEVELS:

Depth of first water, if known 5 ft.

Standing level after well completion _____ ft.

(11) WELL TESTS:

Was well test made? Yes ☐ No ☒ If yes, by whom? _____Type of test Pump ☐ Bailor ☐ Air lift ☐

Time to water at start of test _____ ft. At end of test _____ ft.

Discharge _____ gal/min after _____ hours Water temperature _____

Chemical analysis made? Yes ☐ No ☐ If yes, by whom? _____Was electric log made? Yes ☐ No ☐ If yes, attach copy to this reportWork started 3/2/87 19 _____ Completed 3/5 19 87

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

SIGNED John F. Kratz
(Well Driller)NAME Multi Water Systems

(Person, firm, or corporation) (Typed or printed)

Address Rt. 1 Box 66City Escondido, Calif. Zip 92025License No. 355283 c-57 Date of this report 6/16/87

DWR 188 (REV. 7-76)

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM



00837001

MAP ID

1

ORIGINAL

File with DWR

 Not e of Intent No. 227153
 Local Permit No. or Date W30234

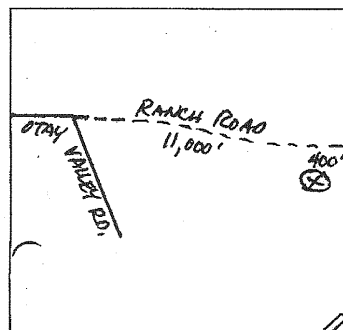
 STATE OF CALIFORNIA
 THE RESOURCES AGENCY
 DEPARTMENT OF WATER RESOURCES
 WATER WELL DRILLERS REPORT

 Do not fill in
 No. 159097

 State Well No. _____
 Other Well No. _____

 (1) OWNER: Name United Enterprises, Inc.
 Address 1007 5th St.
 City San Diego, Calif. Zip 92101

 (2) LOCATION OF WELL (See instructions):
 County San Diego Owner's Well Number #2
 Well address if different from above Otay Valley Road
 Township 22 18S Range 1W Section 22 31
 Distance from cities, roads, railroads, fences, etc. _____

 (12) WELL LOG: Total depth 160 ft. Depth of completed well 160 ft.
 from ft. to ft. Formation (Describe by color, character, size or material)
0-8 gravelly sand, brown
8-18 sandy clay, brwn w/tan & black
18-26 gravelly sand, tan to orange brn
26-37 sandy clay, red brown
37-46 silty sand, tan brown
46-140 alternating sandy clays, silty
clay
140-160 silty sands w/some clay


(3) TYPE OF WORK:

 New Well ☒ Deepening ☐
 Reconstruction ☐
 Reconditioning ☐
 Horizontal Well ☐
 Destruction ☐ (Describe destruction materials and procedures in Item 12)
 Domestic ☐
 Irrigation ☐
 Industrial ☐
 Test Well ☐
 Stock ☐
 Municipal ☐
 Other Geizomster

WELL LOCATION SKETCH

(5) EQUIPMENT:

 Rotary ☒ Reverse ☐
 Cable ☐ Air ☒
 Other ☐ Bucket ☐

 (6) GRAVEL PACK: Long 5 ft.
 Reverse ☐ No ☒ Size 20
 Number of bore 7 5/8"
 Packed from _____ to _____ ft.

GRAVEL PACK INFORMATION:

(7) CASING INSTALLED:

 Steel ☒ Plastic ☒ Concrete ☐

(8) PERFORATIONS:

 Type of perforation or size of screen

From ft.	To ft.	Dia. in.	Gauge of Wall	From ft.	To ft.	Size
0	140	2	sch40	140	160	1/2"
0	80	2	sch40	80		1/2"
0	20	2	sch40	20		1/2"

160-132'
96'-73'
34'-18'

(9) WELL SEAL:

 Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 18 ft.
 Were strata sealed against pollution? Yes ☒ No ☐ Interval _____ ft.
 Method of sealing bentonite & concrete

BENTONITE SEAL INFO:

96' - 132'
73' - 34'
18' - 17'
concrete 17' to surface

(10) WATER LEVELS:

 Depth of first water, if known 5' ft.
 Standing level after well completion _____ ft.

(11) WELL TESTS:

 Was well test made? Yes ☐ No ☒ If yes, by whom?
 Type of test Pump ☐ Bailor ☐ Air lift ☐
 _____ ft. to water at start of test _____ ft. At end of test _____ ft.
 _____ gal/min after _____ hours Water temperature _____
 Chemical analysis made? Yes ☐ No ☐ If yes, by whom?
 Was electric log made? Yes ☐ No ☐ If yes, attach copy to this report

 Work started 3/2/87 19 _____ Completed 3/5 19 87

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

SIGNED

John F. Kratz
 (Well Driller)

NAME

Multi Water Systems

(Person, firm, or corporation) (Typed or printed)

Address

Rt. 1 Box 66

City

Escondido, Calif.

 Zip 92025

License No.

355283 c-57

 Date of this report 6/16/87

DWR 188 (REV. 7-76)

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM



00837001

MAP ID

1

ORIGINAL

File with DWR

Not a of Intent No. 227153
Local Permit No. or Date W30234STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORTDo not fill in
No. 159097State Well No. _____
Other Well No. _____(1) OWNER: Name United Enterprises, Inc.Address 1007 5th St.
City San Diego, Calif. Zip 92101

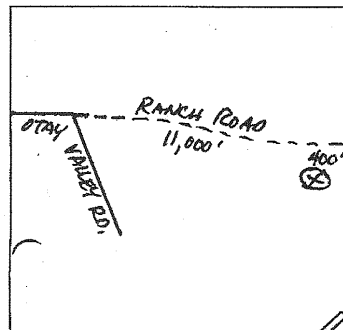
(2) LOCATION OF WELL (See instructions):

County San Diego Owner's Well Number #2
Well address if different from above Otay Valley Road
Township 22 18S Range 1W Section 22 31

Distance from cities, roads, railroads, fences, etc. _____

(12) WELL LOG: Total depth 160 ft. Depth of completed well 160 ft.
from ft. to ft. Formation (Describe by color, character, size or material)

0-8	gravelly sand, brown
8-18	sandy clay, brwn w/tan & black
18-26	gravelly sand, tan to orange brn
26-37	sandy clay, red brown
37-46	silty sand, tan brown
46-140	alternating sandy clays, silty clay
140-160	silty sands w/some clay



(3) TYPE OF WORK:

New Well ☒ Deepening ☐
Reconstruction ☐
Reconditioning ☐
Horizontal Well ☐
Destruction ☐ (Describe destruction materials and procedures in Item 12)
(4) PROPOSED USE:
Domestic ☐
Irrigation ☐
Industrial ☐
Test Well ☐
Stock ☐
Municipal ☐
Other Geizomaster

WELL LOCATION SKETCH

(5) EQUIPMENT:

Rotary ☒ Reverse ☐ Reverse ☐ No ☐ Size 7 5/8"
Cable ☐ Air ☒ Diameter of bore 7 5/8"
Other ☐ Bucket ☐ Packed from _____ to _____

(7) CASING INSTALLED:

From ft.	To ft.	Dia. in.	Gauge of Wall	From ft.	To ft.	Size of screen
0	140	2	sch40	140	160	1/2"
0	80	2	sch40	80		1/2"
0	20	2	sch40	20		1/2"

(8) PERFORATIONS:

Type of perforation or size of screen _____

(9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 18 ft.Were strata sealed against pollution? Yes ☒ No ☐ Interval _____ ft.Method of sealing bentonite & concrete

(10) WATER LEVELS:

Depth of first water, if known 5' ft.

Standing level after well completion _____ ft.

(11) WELL TESTS:

Was well test made? Yes ☐ No ☒ If yes, by whom? _____Type of test _____ Pump ☐ Bailor ☐ Air lift ☐

_____ ft. to water at start of test _____ ft. At end of test _____ ft.

_____ gal/min after _____ hours Water temperature _____

Chemical analysis made? Yes ☐ No ☐ If yes, by whom? _____Was electric log made? Yes ☐ No ☐ If yes, attach copy to this report

GRAVEL PACK INFORMATION:

160-132'
96'-73'
34'-18'

BENTONITE SEAL INFO:

96' - 132'
73' - 34'
18' - 17'
concrete 17' to surface

Work started 3/2/87 19 _____ Completed 3/5 19 87

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

SIGNED _____ (Well Driller)

NAME Multi Water Systems

(Person, firm, or corporation) (Typed or printed)

Address Rt. 1 Box 66City Escondido, Calif. Zip 92025License No. 355283 c-57 Date of this report 6/16/87

DWR 188 (REV. 7-76)

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM



00837001

MAP ID

1

ORIGINAL

File with DWR

STATE OF CALIFORNIA

THE RESOURCES AGENCY

DEPARTMENT OF WATER RESOURCES

WATER WELL DRILLERS REPORT

Do not fill in

No. 159097

Not e of Intent No. 227153

Local Permit No. or Date W30234

State Well No.

Other Well No.

(1) OWNER: Name United Enterprises, Inc.Address 1007 5th St.City San Diego, Calif. Zip 92101

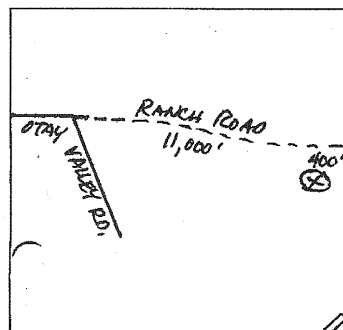
(2) LOCATION OF WELL (See instructions):

County San Diego Owner's Well Number #2Well address if different from above Otay Valley RoadTownship 22 18S Range 1W Section 22 31

Distance from cities, roads, railroads, fences, etc.

(12) WELL LOG: Total depth 160 ft. Depth of completed well 160 ft.
from ft. to ft. Formation (Describe by color, character, size or material)

0-8 gravelly sand, brown
 8-18 sandy clay, brwn w/tan & black
 18-26 gravelly sand, tan to orange brn
 26-37 sandy clay, red brown
 37-46 silty sand, tan brown
 46-140 alternating sandy clays, silty clay
 140-160 silty sands w/some clay



(3) TYPE OF WORK:

New Well ☒ Deepening ☐Reconstruction ☐Reconditioning ☐Horizontal Well ☐Destruction ☐ (Describe destruction materials and procedures in Item 12)

(4) PROPOSED USE:

Domestic ☐Irrigation ☐Industrial ☐Test Well ☐Stock ☐Municipal ☐Other Geizomster

WELL LOCATION SKETCH

(5) EQUIPMENT:

Rotary ☒ Reverse ☐Cable ☐ Air ☒Other ☐ Bucket ☐

(7) CASING INSTALLED:

Steel ☒ Plastic ☒ Concrete ☐

From ft. To ft. Dia. in. Gauge of Wall

0 140 2 sch40 140 160 0.02"

0 80 2 sch40 80 160 0.02"

0 20 2 sch40 20 160 0.02"

(6) GRAVEL PACK: Long 5 ft.Reverse ☐ No ☒ Size 2Number of bore 7 5/8"

Packed from to ft.

(8) PERFORATIONS:

Type of perforation or size of screen

From ft. To ft. Dia. in. Gauge of Wall

0 140 2 sch40 140 160 0.02"

0 80 2 sch40 80 160 0.02"

0 20 2 sch40 20 160 0.02"

GRAVEL PACK INFORMATION:

160-132'

96'-73'

34'-18'

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(9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 18 ft.Were strata sealed against pollution? Yes ☒ No ☐ Interval 5 ft.Method of sealing bentonite & concrete

(10) WATER LEVELS:

Depth of first water, if known 5 ft.Standing level after well completion 5 ft.

(11) WELL TESTS:

Was well test made? Yes ☐ No ☒ If yes, by whom?Type of test Pump ☐ Bailor ☐ Air lift ☐th to water at start of test 5 ft. At end of test 5 ft.Charge 1 gal/min after 1 hours Water temperature 68Chemical analysis made? Yes ☐ No ☐ If yes, by whom?Was electric log made? Yes ☐ No ☐ If yes, attach copy to this reportWork started 3/2/87 19 87 Completed 3/5 19 87

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

SIGNED John F. Kratz (Well Driller)NAME Multi Water Systems

(Person, firm, or corporation) (Typed or printed)

Address Rt. 1 Box 66City Escondido, Calif. Zip 92025License No. 355283 c-57 Date of this report 6/16/87

DWR 188 (REV. 7-76)

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM



00837001

MAP ID

1

Drillers Logs Unavailable

MAP ID

1

Drillers Logs Unavailable

DUPLICATE
File Original, Duplicate and Triplicate with the
DIVISION OF WATER RESOURCES
P. O. BOX 1079
SACRAMENTO 9, CALIFORNIA

WATER WELL DRILLERS REPORT
(Sections 7076, 7077, 7078, Water Code)
STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES 37-0136

Do Not Fill In
State Well No. 18S/1W-34/E
Other Well No. _____
Region _____

1) DRILLER: (person, firm, or corporation)

Name J. Bartlett Baker 289

Address 4026 Alabama St.

San Diego 4 Cal.

OWNER:

Name Golden West Packing Co. 16555

Address Palm City Cal.

891 NoT

(2) Proposed Use (Check)

Domestic	<input type="checkbox"/>	Industrial	<input type="checkbox"/>	Rotary	<input type="checkbox"/>
Irrigation	<input checked="" type="checkbox"/>	Test Well	<input type="checkbox"/>	Cable	<input checked="" type="checkbox"/>
Municipal	<input type="checkbox"/>	Other	<input type="checkbox"/>	Dug Well	<input type="checkbox"/>
				Other	<input type="checkbox"/>

(3) CASING:

426 ft. of (16) X-3-32 in 52 lb./ga. casing left in well
1025 " (12) " 42 " 625 " "
12" casing cut off at 400 ft. " "
Bottomed at 1025 ft. " "

Type and size of shoe or well ring

(4) PERFORATIONS:

Type of perforator used

Perforated	<u>500</u>	ft. to	<u>1619</u>	ft.	<u>1619</u>	holes per	in.
"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"

Diameter of perforations

in., length

(5) WATER LEVELS:

Was electric log made of well? ☐ Yes ☒ No If yes, attach copy.

Depth at which water was first found

380

ft.

Standing level before perforating

498

ft.

Note your observation of any change in water level while drilling

Was surface sanitary seal provided?

Yes

(6) WELL PUMPING TEST:

Capacity gal./min.

ft. draw down

Was well gravel packed?

Unpumped as yet.

Were any struts sealed against pollution?

Temperature

Was a chemical analysis made?

Attach copy

If abandoned was well capped?

(7) TYPE OF WORK (check):

New well ☐ Recor

Deepening existing well ☐

(8) LOCATION OF WELL:

County San Diego

R. F. D. or Street No.

1/4 Mile East and 1/4

Mile north of Brown Field Airport

Otay Mesa. S.D. County.

(9) WELL LOG:

Total depth of well 1025 ft.

Formations: Mention size of water gravel—

0	ft. to	4	ft.	Grey clay (doby)
4	"	71	"	Tan conglomerate rock
71	"	87	"	bentonite
87	"	87	"	Tan Congl. Rock
87	"	112	"	Packed sandy clay
112	"	145	"	Tan bentonite
145	"	176	"	Tan clay & s. stone
176	"	190	"	Very hard s. stone
190	"	279	"	congl. rock.
279	"	312	"	Clay Pink & brown
312	"	321	"	congl rock
321	"	380	"	tan clay & rock
380	"	393	"	hard sand stone
393	"	471	"	sandy clay
471	"	480	"	congl rock
480	"	570	"	tan sandy clay
570	"	620	"	tan clay
620	"	642	"	Hard sand stone
642	"	874	"	Tan clay & s. stone ledge
874	"	898	"	grey shale
898	"	921	"	tan sandy clay
921	"	968	"	grey shale
968	"	975	"	sand & gravel
975	"	1025	"	grey shale & sand

Water tests (drilling) 500' test

450 parts chloride per million water

600' 324 ppm. 700' 344 ppm. 800' 540 I

850' 575 ppm. 900' 600 ppm. 975' 575 ppm

" "

" "

Driller says this is same

as R. Eggers well. Check with

Att. memo

" "

MICROFILMED

Work started Nov 5 19 53 Completed mar 5 19

Date of Report mar 15, 54. , 19

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

[SIGNED] J. Bartlett Baker

By J. B. Baker Well Driller

License No. 129965 Classification

Dated Mar 15 1954 , 19

5370 7-51 50M QUIN ① SPO



00040001

DUPLICATE
File Original, Duplicate and Triplicate with the
DIVISION OF WATER RESOURCES
P. O. BOX 1079
SACRAMENTO 9, CALIFORNIA

WATER WELL DRILLERS REPORT
(Sections 7076, 7077, 7078, Water Code)
STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES 37-0136

Do Not Fill In
State Well No. 18S/1W-34/E
Other Well No. _____
Region _____

1) DRILLER: (person, firm, or corporation)

Name J. Bartlett Baker 289

Address 4026 Alabama St.

San Diego 4 Cal.

OWNER:

Name Golden West Packing Co. 16555

Address Palm City Cal.

891 NoT

(2) Proposed Use (Check)

Domestic	<input type="checkbox"/>	Industrial	<input type="checkbox"/>	Rotary	<input type="checkbox"/>
Irrigation	<input checked="" type="checkbox"/>	Test Well	<input type="checkbox"/>	Cable	<input checked="" type="checkbox"/>
Municipal	<input type="checkbox"/>	Other	<input type="checkbox"/>	Dug Well	<input type="checkbox"/>
				Other	<input type="checkbox"/>

(3) CASING:

426 ft. of 16 X-301 in 52 lb./ga. casing left in well
1025 " 12 " 42 " 625 " "
12" casing cut off at 400 ft. " "
Bottomed at 1025 ft. " "

Type and size of shoe or well ring

(4) PERFORATIONS:

Type of perforator used

Perforated	<u>500</u>	ft. to	<u>1619</u>	ft.	<u>1619</u>	holes per	in.
"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"

Diameter of perforations in., length in.

(5) WATER LEVELS:

Was electric log made of well? ☐ Yes ☒ No If yes, attach copy.

Depth at which water was first found 380 ft.

Standing level before perforating _____ ft.

Standing level after perforating 498 ft.

Note your observation of any change in water level while drilling

Was surface sanitary seal provided? Yes

(6) WELL PUMPING TEST:

Capacity gal./min. _____ ft. draw down _____

Was well gravel packed? Unpumped as yet.

Were any struts sealed against pollution? X

Temperature _____ Was a chemical analysis made? _____ Attach copy _____

If abandoned was well capped? _____

(7) TYPE OF WORK (check):

New well ☐ Recor _____

Deepening existing well ☐ _____

(8) LOCATION OF WELL:

County San Diego

R. F. D. or Street No. 1/4 Mile East and 1/4

Mile north of Brown Field Airport
Otay Mesa. S.D. County.

(9) WELL LOG:

Total depth of well 1025 ft.

Formations: Mention size of water gravel—

0	ft. to	4	ft.	Grey clay (doby)
4	"	71	"	Tan conglomerate rock
71	"	87	"	bentonite
87	"	87	"	Tan Congl. Rock
87	"	112	"	Packed sandy clay
112	"	145	"	Tan bentonite
145	"	176	"	Tan clay & s. stone
176	"	190	"	Very hard s. stone
190	"	279	"	congl. rock.
279	"	312	"	Clay Pink & brown
312	"	321	"	congl rock
321	"	380	"	tan clay & rock
380	"	393	"	hard sand stone
393	"	471	"	sandy clay
471	"	480	"	congl rock
480	"	570	"	tan sandy clay
570	"	620	"	tan clay
620	"	642	"	Hard sand stone
642	"	874	"	Tan clay & s. stone ledge
874	"	898	"	grey shale
898	"	921	"	tan sandy clay
921	"	968	"	grey shale
968	"	975	"	sand & gravel
975	"	1025	"	grey shale & sand

Water tests (drilling) 500' test
450 parts chloride per million water
600" 324 ppm. 700" 344 ppm. 800" 540 I
850" 575 ppm. 900" 600 ppm. 975" 575 ppm

Driller says this is same
as R. Eggers well. Check with
Alumina Co.

MICROFILMED

Work started Nov 5 19 53 Completed mar 5 19

Date of Report mar 15, 54.

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

[SIGNED] J. Bartlett Baker Well Driller

By J. B. B.

License No. 129965 Classification _____

Dated Mar 15 1954, 19

5370 7-51 50M QUIN © SPO



00040001

MAP ID

2

Drillers Logs Unavailable

ORIGINAL
File with DWR

STATE OF CALIFORNIA
WELL COMPLETION REPORT

Refer to Instruction Pamphlet

No. **0907387**

Page 1 of 1

Owner's Well No. 1

Date Work Began 3/09/04, Ended 1/08/04

Local Permit Agency County of San Diego DSH

Permit No. WEL15833 Permit Date 3-2-04

DWR USE ONLY — DO NOT FILL IN

STATE WELL NO./STATION NO.	
LATITUDE	LONGITUDE
APN/TRS/OTHER	

ORIENTATION (✓) <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/> ANGLE (SPECIFY)		WELL OWNER	
DRILLING METHOD		Name <u>California Dept. of Transportation</u>	
FLUID		Mailing Address <u>5251 Viewridge Ct.</u>	
DESCRIPTION		City <u>San Diego</u> State <u>CA</u> ZIP <u>92123</u>	
Describe material, grain size, color, etc.		WELL LOCATION	
<p>Deep boring with the intent of installing an irrigation well. No water was encountered to a depth of 500'. The boring was abandoned.</p> <p>Procedure: Install</p> <p>Drilled 12" boring to 20' using mud rotary. Installed 8" Ø steel casing with cement grout. Drilled 7 1/2" Ø air hole to 500'. Dry.</p> <p>Procedure: Destroy</p> <p>Remove grout beneath through drill stem to 50' BGS. Returned in 2 days to top off with cement/bent grout. Returned in 2 days to excavate to 5', cap with concrete, and backfill with native soil.</p>		<p>Address <u>16801 Lane Star Rd.</u></p> <p>City <u>San Diego</u></p> <p>County <u>San Diego</u></p> <p>APN Book <u>646</u> Page <u>070</u> Parcel <u>31</u></p> <p>Township <u>18 S</u> Range <u>01 W</u> Section <u>26</u></p> <p>Lat. DEG. MIN. SEC. N Long. DEG. MIN. SEC. W</p>	
<p>Procedure: Destroy</p> <p>Remove grout beneath through drill stem to 50' BGS. Returned in 2 days to top off with cement/bent grout. Returned in 2 days to excavate to 5', cap with concrete, and backfill with native soil.</p>		<p>LOCATION SKETCH</p> <p>WEST EAST</p> <p>905</p> <p>Brown Field</p> <p>Brownfield W. 1/2 Sec. 26</p> <p>Alipani</p> <p>Lane Star Rd.</p> <p>905</p> <p>SOUTH</p> <p>Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.</p>	
<p>TOTAL DEPTH OF BORING <u>500</u> (Feet)</p> <p>TOTAL DEPTH OF COMPLETED WELL _____ (Feet)</p>		<p>WATER LEVEL & YIELD OF COMPLETED WELL</p> <p>DEPTH TO FIRST WATER <u>None</u> (Ft.) BELOW SURFACE</p> <p>DEPTH OF STATIC WATER LEVEL _____ (Ft.) & DATE MEASURED _____</p> <p>ESTIMATED YIELD _____ (GPM) & TEST TYPE _____</p> <p>TEST LENGTH _____ (Hrs) TOTAL DRAWDOWN _____ (Ft.)</p> <p>* May not be representative of a well's long-term yield.</p>	

DEPTH FROM SURFACE			BORE-HOLE DIA. (Inches)	CASING (S)					DEPTH FROM SURFACE			ANNULAR MATERIAL					
				TYPE (✓)				MATERIAL / GRADE				INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)	TYPE		
FL	to	FL	BLANK	SCREEN	TOOK LOGS	FILL PIPE									FL	to	FL
0	20	12			✓		Steel	8	sch 40		500	50		✓	✓		
											50	5		✓	✓		
											5	0				✓	Native

ATTACHMENTS (✓)

☐ Geologic Log

☐ Well Construction Diagram

☐ Geophysical Log(s)

☐ Soil/Water Chemical Analysis

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Tri-County Drilling

(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

Address 9631 Candida St. City San Diego State CA ZIP 92126

DRESS [Signature]

dated 05/28/04 DATE SIGNED 547137

C-57 LICENSED WATER WELL CONTRACTOR C-57 LICENSE NUMBER

SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM



00838001

ORIGINAL
File with DWR

STATE OF CALIFORNIA
WELL COMPLETION REPORT

Refer to Instruction Pamphlet

No. **0907387**

Page 1 of 1

Owner's Well No. 1

Date Work Began 3/09/04, Ended 1/08/04

Local Permit Agency County of San Diego DSH

Permit No. WEL15833 Permit Date 3-2-04

DWR USE ONLY — DO NOT FILL IN

STATE WELL NO./STATION NO.

LATITUDE LONGITUDE

APN/ITS/OTHER

GEOLOGIC LOG

ORIENTATION (✓) VERTICAL — HORIZONTAL — ANGLE — (SPECIFY)

DEPTH FROM SURFACE

FL. to FL.

DRILLING METHOD

FLUID

DESCRIPTION

Describe material, grain size, color, etc.

Deep boring with the intent of installing an irrigation well. No water was encountered to a depth of 500'. The boring was abandoned.

Procedure: Install

Drilled 12" boring to 20' using mud rotary. Installed 8" Ø steel casing with cement grout. Drilled 7 1/2" Ø air hole to 500'. Dry.

Procedure: Destroy

Remove grout beneath through drill stem to 50' BGS. Returned in 2 days to top off with cement/bent grout. Returned in 2 days to excavate to 5', cap with concrete, and backfill with native soil.

TOTAL DEPTH OF BORING 500 (Feet)

TOTAL DEPTH OF COMPLETED WELL _____ (Feet)

WELL OWNER

Name California Dept. of Transportation

Mailing Address 5251 Viewridge Ct

City San Diego State CA ZIP 92123

Address 16801 Lane Star Rd

City San Diego

County San Diego

APN Book 646 Page 070 Parcel 31

Township 18 S Range 01 W Section 26

Lat _____ Deg. Min. Sec. Long _____ Deg. Min. Sec.

LOCATION SKETCH

WEST EAST

905

Brown Field

Brownfield W. 1/2 Sec. 26

16801 Lane Star Rd.

905

SOUTH

Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)

NEW WELL Proposed

MODIFICATION/REPAIR

Deepen _____

Other (Specify) _____

DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")

USES (✓) Proposed

WATER SUPPLY

Domestic _____ Public _____

Irrigation _____ Industrial _____

MONITORING _____

TEST WELL _____

CATHODIC PROTECTION _____

HEAT EXCHANGE _____

DIRECT PUSH _____

INJECTION _____

VAPOR EXTRACTION _____

SPARGING _____

REMEDICATION _____

OTHER (SPECIFY) _____

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER None (FL) BELOW SURFACE

DEPTH OF STATIC WATER LEVEL _____ (FL) & DATE MEASURED _____

ESTIMATED YIELD _____ (GPM) & TEST TYPE _____

TEST LENGTH _____ (Hrs) TOTAL DRAWDOWN _____ (FL)

* May not be representative of a well's long-term yield.

DEPTH FROM SURFACE	BORE-HOLE DIA. (Inches)	CASING (S)					SLOT SIZE IF ANY (Inches)	ANNULAR MATERIAL			
		TYPE (✓)			MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	CE-MENT (✓)	BEN-TONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
FL. to FL.		BLANK	SCREEN	COCK-LEUCOB.							
0 to 20	12"		✓		Steel	8	sch 40				
500 to 50											
50 to 5											
5 to 0											Native

ATTACHMENTS (✓)

Geologic Log

Well Construction Diagram

Geophysical Log(s)

Soil/Water Chemical Analysis

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Tri-County Drilling

(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

Address 9631 Candida St City San Diego State CA ZIP 92126

DRESS _____

Typed [Signature] DATE SIGNED 05/28/04 C-57 LICENSE NUMBER 547137

C-57 LICENSED WATER WELL CONTRACTOR

SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

OSP 03 78836



00838001

MAP ID

4

DUPLICATE

File Original, Duplicate and Triplicate with the
DIVISION OF WATER RESOURCES
P. O. BOX 1079
SACRAMENTO 5, CALIFORNIA

Otay Mesa
WATER WELL DRILLERS REG RT
(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES

Do Not Fill In

State Well No. *10572-261*
Other Well No. *1851W-261*
Region *See Analysis*

(1) DRILLER: (person, firm, or corporation)

Name **San Diego Pump & Well Drillers**
Address **145 Brightwood St.**
Chula Vista, Calif.

16643

OWNER:

Name **Henry Piper**
Address **P. O. Box 273**
San Ysidro, Calif.

(2) Proposed Use (Check)

Domestic ☐ Industrial ☐ Rotary Cable ☐
Irrigation ☒ Test Well ☐ Dug Well ☒
Municipal ☐ Other ☐ Other ☐

Equipment

(3) CASING:

1030 ft. of **12** in **54** lb./sq. casing left in well

Type and size of shoe or well ring **12" x 12" x 7/8"**

(4) PERFORATIONS:

Type of perforator used **mills**
Perforated **500** ft. to **1024** ft. **726** holes per in.



00851001

Diameter of perforations **5/16x27/8** in., length

(5) WATER LEVELS:

Was electric log made of well? ☐ Yes ☒ No If yes, attach copy.

Depth at which water was first found **245** ft.

Standing level before perforating ft.

Standing level after perforating ft.

Note your observation of any change in water level while drilling **no**

Was a surface sanitary seal provided? **no**

(6) WELL PUMPING TEST:

Capacity **no test** gal./min. ft. draw down

Was well gravel packed? **no**

Are any strata sealed against pollution? **no**

Temperature Was a chemical analysis made? **no** Attach copy

If abandoned was well capped? **was not abandoned**

(7) TYPE OF WORK (check):

New well ☒ Reconditioning of well ☐
Deennine existing well ☐

(8) LOCATION OF WELL:

County **San Diego**

R. F. D. or Street No. **none**

Otay Mesa

(9) WELL LOG:

Total depth of well **1030** Ft. ft.

Formation: Mention size of water gravel—

1 ft. to **14** ft. **red clay**

14 " **40** " **gravel**

40 " **95** " **gray clay**

95 " **145** " **sandstone**

145 " **155** " **soft clay**

155 " **182** " **gray clay, sandstone led**

182 " **188** " **hard sandstone**

188 " **230** " **gravel, soft sandstone**

230 " **287** " **conglomerate**

287 " **460** " **gray brown & yellow**

460 " **510** " **shale**

510 " **513** " **hard brown clay**

513 " **525** " **soft yellow clay**

525 " **540** " **loose pea gravel**

540 " **658** " **little clay, water**

658 " **670** " **test 425 PPM**

670 " **710** " **white clay**

710 " **715** " **gray, brown & yellow**

715 " **728** " **sandy clay**

728 " **740** " **yellow clay with**

740 " **744** " **small pea gravel**

744 " **760** " **hentonite, clay &**

760 " **778** " **loose sandstone**

778 " **785** " **yellow sandy clay**

785 " **795** " **little sandstone**

795 " **805** " **coarse gravel, sand**

805 " **815** " **water test 680 PPM**

815 " **825** " **soft white sandstone**

825 " **835** " **little gravel**

835 " **845** " **hard yellow clay**

845 " **855** " **soft yellow clay &**

855 " **865** " **gravel water test**

865 " **875** " **685 PPM**

875 " **885** " **soft sandstone & pea**

885 " **895** " **gravel**

Work started **4-14-53** Completed **8-21-53**

Date of Report **Sept 28, 1953**

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

[SIGNED] **San Diego Pump & Well Drillers**

By **J. D. Samuelson** Well Driller

License No. **58485** Classification **C 57**

Dated **Sept 28, 1953**

46370 7-51 30M QUIN ① SPO

MAP ID

4

DUPLICATE

File Original, Duplicate and Triplicate with the
DIVISION OF WATER RESOURCES
P. O. BOX 1079
SACRAMENTO 5, CALIFORNIA

Otay Mesa
WATER WELL DRILLERS REG RT
(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES

Do Not Fill In

State Well No. *10572-261*
Other Well No. *1851W-261*
Region *See Analysis*

(1) DRILLER: (person, firm, or corporation)

Name **San Diego Pump & Well Drillers**
Address **145 Brightwood St.**
Chula Vista, Calif.

16643

OWNER:

Name **Henry Piper**
Address **P. O. Box 273**
San Ysidro, Calif.

(2) Proposed Use (Check)

Domestic ☐ Industrial ☐ Rotary Cable ☐
Irrigation ☒ Test Well ☐ Dug Well ☒
Municipal ☐ Other ☐ Other ☐

Equipment

(3) CASING:

1030 ft. of **12** in **54** lb./sq. casing left in well

Type and size of shoe or well ring **12" x 12" x 7/8"**

(4) PERFORATIONS:

Type of perforator used **mills**
Perforated **500** ft. to **1024** ft. **726** holes per in.



00851001

Diameter of perforations **5/16x27/8** in., length

(5) WATER LEVELS:

Was electric log made of well? ☐ Yes ☒ No If yes, attach copy.

Depth at which water was first found **245** ft.

Standing level before perforating ft.

Standing level after perforating ft.

Note your observation of any change in water level while drilling **no**

Was a surface sanitary seal provided? **no**

(6) WELL PUMPING TEST:

Capacity **no test** gal./min. ft. draw down

Was well gravel packed? **no**

Are any strata sealed against pollution? **no**

Temperature Was a chemical analysis made? **no** Attach copy

If abandoned was well capped? **was not abandoned**

(7) TYPE OF WORK (check):

New well ☒ Reconditioning of well ☐
Deennine existing well ☐

(8) LOCATION OF WELL:

County **San Diego**

R. F. D. or Street No. **none**

Otay Mesa

(9) WELL LOG:

Total depth of well **1030** Ft. ft.

Formation: Mention size of water gravel—

1 ft. to **14** ft. **red clay**
14 " **40** " **gravel**
40 " **95** " **gray clay**
95 " **145** " **sandstone**
145 " **155** " **soft clay**
155 " **182** " **gray clay, sandstone led**
182 " **188** " **hard sandstone**
188 " **230** " **gravel, soft sandstone**
230 " **287** " **conglomerate**
287 " **460** " **gray brown & yellow shale**
460 " **510** " **hard brown clay**
510 " **513** " **soft yellow clay**
513 " **525** " **loose pea gravel**
525 " **540** " **little clay, water**
540 " **658** " **gray, brown & yellow sandy clay**
658 " **670** " **yellow clay with small pea gravel**
670 " **710** " **hentonite, clay & loose sandstone**
710 " **715** " **yellow sandy clay little sandstone**
715 " **728** " **coarse gravel, sand water test 680 PPM**
728 " **740** " **soft white sandstone little gravel**
740 " **744** " **hard yellow clay**
744 " **760** " **soft yellow clay & gravel water test 685 PPM**
760 " **778** " **soft sandstone & pea**

Work started **4-14-53** Completed **8-21-53**

Date of Report **Sept 28, 1953**

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

[SIGNED] **San Diego Pump & Well Drillers**

By **J. D. Samuelson** Well Driller

License No. **58485** Classification **C 57**

Dated **Sept 28, 1953**

46370 7-51 30M QUIN ① SPO

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES

SHEET 1

(Sections 7076, 7077, 7078, Water Code)

Do Not Fill In
State Well No. 185/1W 26P1
Other Well No. _____
Region 9


- (1) Driller: **San Diego Pump & Well Drillers**
 Name: **San Diego Pump & Well Drillers**
 Address: **2679 Buean Vista Ave.**
Lemon Grove, Calif.
 License No. **88485** Classification **C 57**
- (2) Proposed use or uses (check):
 Domestic ☐ Municipal ☐
 Irrigation ☐ Industrial ☐
 Domestic and Test well ☐ Cable ☒
 Irrigation ☐ Dug well ☐
 Other **deepening existing well**
- (3) Equipment used (check):
 Rotary ☐
 Cable ☒
 Dug well ☐
- Owner: **Henry Piper**
 Name: **Henry Piper**
 Address: **P. O. Box 273**
San Ysidro, Calif.
- (4) Type of work (check):
 New well ☐ Reconditioning of well ☐
 Deepening existing well ☒

- (5) Well log:
Total depth of well 758 ft. Give details of formations penetrated, such as silt, peat, muck, sand, gravel, clay, shale, sandstone, hardpan, rock. Include size of gravel (diameter) and sand (fine, medium, coarse), color of material, structure (loose, packed, cemented, soft, hard, brittle).
- Depth From Ground Surface

ft.	to	ft.	Description
662		645	Clay
645		648	Coarse sand (test 451PPM)
648		707	Clay
707		725	Coarse sand and a little clay (test 725 PPM)
725		742	Finer sand, little clay (test 627 PPM)
742x			
742		758	clay

**CONFIDENTIAL - NOT
FOR PUBLIC RELEASE**

MICROFILMED



00852001

If additional space is required, continue on DWR Form No. 246—Supplement, and attach to respective report copies.

- (6) Casing left in well:

LENGTH FT.	DIAMETER INCHES	SINGLE, DOUBLE, WELDED, OTHER	LBS. PER FOOT OR GAGE OF CASING	SEATING BELOW GROUND SURFACE, FT.
210	8"	welded	17	758

Type and size of shoe or well ring.....Welded joints—☒ Yes ☐ No
8" x 8" x 3/4"

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES

SHEET 1

(Sections 7076, 7077, 7078, Water Code)

Do Not Fill In
State Well No. 185/1W 26P1
Other Well No. _____
Region 9


- (1) Driller: **441**
 Name: San Diego Pump & Well Drillers
 Address: 2679 Buean Vista Ave.
Lemon Grove, Calif.
 License No. 88485 Classification C 57
- Owner:
 Name: Henry Piper
 Address: P. O. Box 273
San Ysidro, Calif.
- (2) Proposed use or uses (check):
 Domestic ☐ Municipal ☐
 Irrigation ☐ Industrial ☐ Rotary ☐
 Domestic and Test well ☐ Cable ☒
 Irrigation ☐ Dug well ☐
 Other deepening existing well
- (3) Equipment used (check):
 Rotary ☐
 Cable ☒
 Dug well ☐
- (4) Type of work (check):
 New well ☐ Reconditioning of well ☐
 Deepening existing well ☒

- (5) Well log:
Total depth of well 758 ft. Give details of formations penetrated, such as silt, peat, muck, sand, gravel, clay, shale, sandstone, hardpan, rock. Include size of gravel (diameter) and sand (fine, medium, coarse), color of material, structure (loose, packed, cemented, soft, hard, brittle).
Depth From Ground Surface

ft.	to	ft.	Description
662		645	Clay
645		648	Coarse sand (test 451PPM)
648		707	Clay
707		725	Coarse sand and a little clay (test 725 PPM)
725		742	Finer sand, little clay (test 627 PPM)
742x			
742		758	clay

**CONFIDENTIAL - NOT
FOR PUBLIC RELEASE**

MICROFILMED



00852001

If additional space is required, continue on DWR Form No. 246—Supplement, and attach to respective report copies.

- (6) Casing left in well:

LENGTH FT.	DIAMETER INCHES	SINGLE, DOUBLE, WELDED, OTHER	LBS. PER FOOT OR GAGE OF CASING	SEATING BELOW GROUND SURFACE, FT.
210	8"	welded	17	753

Type and size of shoe or well ring.....Welded joints—☒ Yes ☐ No
8" x 8" x 3/4"

SHEET 2

(Sections 7076, 7077, 7078, Water Code)

Do Not Fill In

State Well No. 185/1W 26F
Other Well No. _____
Region _____

[illegible]

00852002

(9) Well pumping test:

Depth at which water first encountered _____ ft.

Depth to water before perforating **410** _____ ft.

Depth to water after perforating **410** _____ ft.

Note any change in water level while drilling
no

Date of test none By whom _____

Depth to water when test started _____ ft.

G.P.M. at beginning of test _____

Drawdown from standing level _____ ft.

G.P.M. at completion of test _____

Drawdown at completion of test _____ ft.

Length of time tested _____

Temperature of water _____

Was gas present in water? ☐ Yes ☐ No

Was well gravel packed? no Size of rock _____ Thickness of pack _____
 Was a surface sanitary seal provided? no
 Were any strata sealed against pollution? ☐ Yes ☒ No If yes, attach detailed description.
 Strata sealed no
 Was analysis made of water? ☒ Yes ☐ No If yes, attach copy. see log
 Was electric log made of well? ☐ Yes ☒ No If yes, attach copy.
 If well abandoned, was it plugged and sealed? _____
 Method of plugging and sealing _____

MICROFILMED

MICROFILMED

(12) Time of work:

North

	X		

1 MILE

Section No. 26
Township 18
Range 1W
Base & Meridian SB
Show location of well in Section, thus (X)
Distances to section lines from well, N or S 1000 ft.
and E or W 2430 ft. 2300
Show location of nearest known well, thus (O)
Distance to nearest known well 1 mile ft.

Work started date 4-21-51 Completed date 5-19-51
Date of this report May 31, 1951

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

[SIGNED] San Diego Pump & Well Drillers

By L. B. Hood ^{Well Driller}
License No. 88485 Classification C 57
Dated May 31, 1951

SHEET 2

(Sections 7076, 7077, 7078, Water Code)

Do Not Fill In

State Well No. 185/1W 26F
Other Well No. _____
Region _____

[illegible]

00852002

Depth at which water first encountered _____ ft.

Depth to water before perforating **410** _____ ft.

Depth to water after perforating **410** _____ ft.

Note any change in water level while drilling
no

Date of test none By whom _____

Depth to water when test started _____ ft.

G.P.M. at beginning of test _____

Drawdown from standing level _____ ft.

G.P.M. at completion of test _____

Drawdown at completion of test _____ ft.

Length of time tested _____

Temperature of water _____

Was gas present in water? ☐ Yes ☐ No

Was well gravel packed? no Size of rock _____ Thickness of pack _____
 Was a surface sanitary seal provided? no
 Were any strata sealed against pollution? ☐ Yes ☒ No If yes, attach detailed description.
 Strata sealed no
 Was analysis made of water? ☒ Yes ☐ No If yes, attach copy. see log
 Was electric log made of well? ☐ Yes ☒ No If yes, attach copy.
 If well abandoned, was it plugged and sealed? _____
 Method of plugging and sealing _____

MICROFILMED

North

	X		

1 MILE

●

Work started date 4-21-51 Completed date 5-19-51
Date of this report May 31, 1951

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

[SIGNED] San Diego Pump & Well Drillers

By T. S. Hood
License No. 88485 Classification C 57
Dated May 31, 1951

MAP ID

4

DUPLICATE
File Original, Duplicate and Triplicate with the
REGIONAL WATER POLLUTION

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA

Do Not Fill In
No. 12982

State Well No. 185/IW-35Q1

Other Well No.

CONTROL BOARD No. _____
(Insert appropriate number)

(1) OWNER:

Name Fred Stafford & Son
Address 640 Fifth Ave.
Chula Vista, California

(2) LOCATION OF WELL:

County San Diego Owner's number, if any—
R. F. D. or Street No. Southeast of Brown Field
Airport, Otay Mesa

(3) TYPE OF WORK (check):

New well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐

Irrigation ☒ Test Well ☐ Other ☐

(5) EQUIPMENT:

Rotary ☐

Cable ☒

Dug Well ☐

(6) CASING INSTALLED:

SINGLE ☐ DOUBLE ☒ X-X-250
From 0 ft. to 792 ft. 7" Diam. 12-250
792-17" 1187" 10-250

If gravel packed

Type and size of shoe or well ring Baker 12-3/4" of gravel:

Describe joint X 2 10-3/4"

(7) PERFORATIONS:

Type of perforator used Mills 2 38-25
Size of perforations 2-1/2" in., length, by 3/8" in.
From 600 ft. to 1124 ft. 8 5 Perf. per row 18 Rows per ft.
1170 1180 8 8 1

(8) CONSTRUCTION:

Was a surface sanitary seal provided? ☐ Yes ☒ No To what depth X ft.

Were any strata sealed against pollution? ☐ Yes ☒ No If yes, note depth of strata 2

From _____ ft. to _____ ft.

Method of Sealing CONFIDENTIAL - NOT FOR PUBLIC RELEASE

(9) WATER LEVELS:

Depth at which water was first found 250 ft.

Standing level before perforating 493 ft.

Standing level after perforating 519 ft.

(10) WELL TEST

Was a pump test made? ☐

Yield: _____

Temperature of water _____

Was electric log made of w _____

(11) WELL LOG:

Total depth 1197 ft. Depth of completed well _____ ft.

Formation: Describe by color, character, size of material, and structure.

0 ft. to 2 ft. Topsoil
2 " 108 " Gray Sandstone
108 " 215 " Bentonite & Sandstone
215 " 240 " Gray Sandy Shale
240 " 338 " Yellow Clay & Rocks
338 " 417 " Water seepage below 250'
417 " 425 " Red & Gray Clay
425 " 478 " Light Gray Shale
478 " 507 " Brown Sticky Clay
507 " 519 " Light Brown Sandy Shale
519 " 540 " Silty Sand, Water
540 " 556 " Gray Sticky Clay
556 " 559 " Light Brown Shale
559 " 593 " Muddy Sand, Water
593 " 748 " Light Brown Shale
748 " 793 " Soft Brown Sandstone
793 " 819 " Very Hard Sandrock
819 " 819 " Dark Gray Sandy Silt
819 " 855 " Soft Sand, Little Gravel
855 " 860 " Yellow Silt
860 " 866 " Green Silt
866 " 935 " Gray Soft Sandrock
935 " 947 " Green Silty Sand, Hard
947 " 963 " Yellowish Green Silty Sand
963 " 975 " Gray Sandy Shale
975 " 1005 " Blue Sandy Shale
1005 " 1029 " Green Sandy Silt
1029 " 1038 " Blue Sandstone, Gravel
1038 " 1070 " Green Sandy Silt
1070 " 1080 " Broken Sandrock, Gravel
1080 " 1083 " Hard Sandrock
1083 " 1100 " Green Sandy Shale
1100 " 1124 " Soft Gray Sandstone
1124 " 1125 " Black Sticky Shale
1125 " 1147 " Blue Sticky Shale
1147 " 1170 " Gray Sticky Shale
1170 " 1174 " Streaked Blue Sandrock
1174 " 1186 " Very Hard Decomposed Gr.
1186 " 1192 " Blue Granite
1192 " 1196 " Granite
1196 " 1197 " Blue Granite

MICROFILMED

Tests on next page
Work started 4/2/54 Completed 8/3/54

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME San Diego Pump & Well Drillers
(Person, firm, or corporation) (Typed or printed)

Address P. O. Box 438

Chula Vista, Calif.

[SIGNED] L. P. Hook Well Driller

License No. 88485 Dated Sept. 22, 1954

95699 3-54 50M QUIN © SPO

DWR FORM NO. 246 (REV. 3-54)

MAP ID

4

DUPLICATE
File Original, Duplicate and Triplicate with the
REGIONAL WATER POLLUTION

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA

Do Not Fill In
No. 12982

State Well No. 185/IW-35Q1

Other Well No.

CONTROL BOARD No. _____
(Insert appropriate number)

(1) OWNER:

Name Fred Stafford & Son
Address 640 Fifth Ave.
Chula Vista, California

(2) LOCATION OF WELL:

County San Diego Owner's number, if any—
R. F. D. or Street No. Southeast of Brown Field
Airport, Otay Mesa

(3) TYPE OF WORK (check):

New well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐

Irrigation ☒ Test Well ☐ Other ☐

(5) EQUIPMENT:

Rotary ☐

Cable ☒

Dug Well ☐

(6) CASING INSTALLED:

SINGLE ☐ DOUBLE ☒ X-X-250
From 0 ft. to 792 ft. 7" Diam. 12-250
792-17" 1187" 10-250

If gravel packed

Type and size of shoe or well ring Baker 12-3/4" of gravel:

Describe joint X 2 10-3/4"

(7) PERFORATIONS:

Type of perforator used Mills 2 38-25
Size of perforations 2-1/2" in., length, by 3/8" in.
From 600 ft. to 1124 ft. 8 5 Perf. per row 18 Rows per ft.
1170 1180 8 8 1

(8) CONSTRUCTION:

Was a surface sanitary seal provided? ☐ Yes ☒ No To what depth X ft.

Were any strata sealed against pollution? ☐ Yes ☒ No If yes, note depth of strata 2

From _____ ft. to _____ ft.

Method of Sealing CONFIDENTIAL - NOT FOR PUBLIC RELEASE

(9) WATER LEVELS:

Depth at which water was first found 250 ft.

Standing level before perforating 493 ft.

Standing level after perforating 519 ft.

(10) WELL TEST

Was a pump test made? ☐

Yield: _____

Temperature of water _____

Was electric log made of w _____

(11) WELL LOG:

Total depth 1197 ft. Depth of completed well _____ ft.

Formation: Describe by color, character, size of material, and structure.

0 ft. to 2 ft. Topsoil
2 " 108 " Gray Sandstone
108 " 215 " Bentonite & Sandstone
215 " 240 " Gray Sandy Shale
240 " 338 " Yellow Clay & Rocks
338 " 417 " Water seepage below 250"
417 " 425 " Red & Gray Clay
425 " 478 " Light Gray Shale
478 " 507 " Brown Sticky Clay
507 " 519 " Light Brown Sandy Shale
519 " 540 " Silty Sand, Water
540 " 556 " Gray Sticky Clay
556 " 559 " Light Brown Shale
559 " 593 " Muddy Sand, Water
593 " 748 " Light Brown Shale
748 " 793 " Soft Brown Sandstone
793 " 819 " Very Hard Sandrock
819 " 819 " Dark Gray Sandy Silt
819 " 855 " Soft Sand, Little Gravel
855 " 860 " Yellow Silt
860 " 866 " Green Silt
866 " 935 " Gray Soft Sandrock
935 " 947 " Green Silty Sand, Hard
947 " 963 " Yellowish Green Silty Sand
963 " 975 " Gray Sandy Shale
975 " 1005 " Blue Sandy Shale
1005 " 1029 " Green Sandy Silt
1029 " 1038 " Blue Sandstone, Gravel
1038 " 1070 " Green Sandy Silt
1070 " 1080 " Broken Sandrock, Gravel
1080 " 1083 " Hard Sandrock
1083 " 1100 " Green Sandy Shale
1100 " 1124 " Soft Gray Sandstone
1124 " 1125 " Black Sticky Shale
1125 " 1147 " Blue Sticky Shale
1147 " 1170 " Gray Sticky Shale
1170 " 1174 " Streaked Blue Sandrock
1174 " 1186 " Very Hard Decomposed Gr.
1186 " 1192 " Blue Granite
1192 " 1196 " Granite
1196 " 1197 " Blue Granite

MICROFILMED

Tests on next page
Work started 4/2/54 Completed 8/3/54

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME San Diego Pump & Well Drillers
(Person, firm, or corporation) (Typed or printed)

Address P. O. Box 438

Chula Vista, Calif.

[SIGNED] L. P. Hook Well Driller

License No. 88485 Dated Sept. 22, 1954

95699 3-54 50M QUIN © SPO

DWR FORM NO. 246 (REV. 3-54)

SUPPLEMENTAL SHEET

Do Not Fill In

(Sections 7076, 7077, 7078, Water Code)

State Well No. _____
Other Well No. _____
Region _____

(5) Well log (continued):
Total depth of well 1197 ft.

Give details of formations penetrated, such as silt, peat, muck, sand, gravel, clay, shale, sandstone, hardpan, rock. Include size of gravel (diameter) and sand (fine, medium, coarse), color of material, structure (loose, packed, cemented, soft, hard, brittle).

Depth From Ground Surface

[illegible]

WATER TESTS: Drilling

1430 Parts Chlorides Per Million				
275°				
519°	1035	°°	°°	°°
625°	808	°°	°°	°°
665°	710	°°	°°	°°
725°	758	°°	°°	°°
835°	592	°°	°°	°°
900°	709	°°	°°	°°
950°				
1015°	513	°°	°°	°°
1043°	612	°°	°°	°°
1063°	563	°°	°°	°°
1120°	463	°°	°°	°°
1187°	600	°°	°°	°°
1197°	740	°°	°°	°°

After bailing at same depth
645

MICROFILMED

~~CONFIDENTIAL - NOT
FOR PUBLIC RELEASE~~



00864003

If additional space is required continue on DWR Form No. 246—Supplement, and attach to respective report copies.

SOURCE

DATE	TIME	SAMPLE No.	TEMP. °C	GAGE HEIGHT	DIF. CHANGE	RESISTIVITY		CI PPM
						°C	OHMS	
4/59	3 PM	5712	85.0					

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES
WELL AND SAMPLING DATA

Owner	Fred St. John & Son	Serial No.	185/1W-350
Address	640 Fifth Ave	Order No.	12782
Address	Chula Vista, Calif		
Location and Description	1400' West of Harrest Road, 190' North of Siempre Viva Road on Section 35, 185/1W.		
Description of reference point	Na a cross for depth		
Measurements	MICROFILMED		
Ref. Pt. Elev.	How Determined	Flow of Ground	
Use	Irrigation	Drawdown	
Capacity of well	325 gpm	Size of casing	7"
Depth	1147		
Chief engineer			
Driller	San Diego Pump & Well Drillers		
Date completed	9/23/54	Distance to water	
Kind and size of pump	Submersible	Serial No.	---
Kind of power	Elec. Horsepower 65	Motor No.	261894
Log obtained	Yes	Where obtainable	Water W/B
NOTE: SHOWING LOCATION OF WELL			
Region 89			

MAP ID

5

DUPLICATE
File Original, Duplicate and Triplicate with the
REGIONAL WATER POLLUTION
CONTROL BOARD No. _____
(Insert appropriate number)

WATER WELL DRILLERS REPC (Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA

Do Not Fill In
No 1777

State Well No. 185/01W-34F0151

Other Well No. _____

OWNER:

Name Robert Egger *see at home*
Address 1941 Leon St. Palm City Calif

(2) LOCATION OF WELL:

Count San Diego Owner's number, if any—
R. F. D. or Street No.

200 Yds West and 620 Yds South of the
School house, Otay Mesa, Calif.

(3) TYPE OF WORK (check):

New well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐ Rotary ☐
Irrigation ☒ Test Well ☐ Other ☐ Cable ☒ Dug Well ☐

(5) EQUIPMENT:

(6) CASING INSTALLED:

SINGLE ☒ DOUBLE ☐ 1-X-2 50
From ft. to ft. Diam. of Bore from ft. to ft.

0 to 1369 ft. 7 in. 1/4

1-X-X

Type and size of shoe or well ring Baker Size of gravel:

Describe joint slip joint welded

(7) PERFORATIONS:

Type of perforator used 2 38-40

Size of perforations 5/16" x 4" in., length, by in.

From ft. to ft. Perf. per row Rows per ft.

1050 ft. to 1365 ft. 600 cuts

2

(8) CONSTRUCTION:

Was a surface sanitary seal provided? ☐ Yes ☐ No To what depth ft.

Were any strata sealed against pollution? ☐ Yes ☐ No If yes, note depth of strata

From ft. to ft.

All heavy salt strata mudded off and
Method of Sealing casing pulled in.

(9) WATER LEVELS:

Depth at which water was first found 240 ft.

Standing level before perforating 520 ft.

Standing level after perforating 479 ft.

(10) WELL TESTS:

Was a pump test made? ☐ Yes ☐ No If yes, by whom?

Yield: gal./min. with ft. draw down after hrs.

Temperature of water Was a chemical analysis made? ☐ Yes ☐ No

Was electric log made of well? ☐ Yes ☐ No

(11) WELL LOG:

Total depth 1369-7 ft. Depth of completed well 1369-7 ft.

Formation: Describe by color, character, size of material, and structure.

0 ft. to 3 ft. Doby
3 " 20 " Sandy clay
20 " 64 " Congl Rock
64 " 295 " Sandy clay & stone Ledge
295 " 304 " Hard Sand Stone
304 " 701 " Sandy congl.
701 " 791 " Clay Tan.
791 " 805 " Congl. Rock
805 " 1085 " Shale & Stone Ledges
1085 " 1096 " Hard Sand Stone
1096 " 1112 " Shale
1112 " 1120 " Granite Boulders.
1120 " 1195 " Shale
1195 " 1265 " Packer Sand & Boulders
1265 " 1319 " Conglomerate
1319 " 1365 " Hard Broken Shale
1365 " 1374 " Hard Solid Slate.

Drilling Tests in Parts Salt per
million parts Water.

245'; 4175. 295'; 3545. 425'; 1200.
585'; 1285. 660'; 880. 805'; 985.
910'; 982. 1050'; 860. 1200'; 773.
1260'; 788. 1300'; 749. 1350'; 724.
1360'; 74 ppm.

CONFIDENTIAL - NOT
FOR PUBLIC RELEASE

MICROFILMED



00855001

Work started 4/15 1954 Completed 8/20 1954

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME J. Bartlett Baker 289
(Person, firm, or corporation) (Typed or printed)

Address 4026 Alabama St. San Diego Cal

[SIGNED] J. Bartlett Baker Well Driller

License No. 129965 Dated Aug 23 1954

95689 3-54 2M GUIN © SPO DWR FORM No. 246 (REV. 3-54)

MAP ID

5

DUPLICATE
File Original, Duplicate and Triplicate with the
REGIONAL WATER POLLUTION
CONTROL BOARD No. _____
(Insert appropriate number)

WATER WELL DRILLERS REPC (Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA

Do Not Fill In
No 1777

State Well No. 185/01W-34F0151

Other Well No. _____

OWNER:

Name Robert Egger *see at home*
Address 1941 Leon St. Palm City Calif

(2) LOCATION OF WELL:

Count San Diego Owner's number, if any—
R. F. D. or Street No.

200 Yds West and 620 Yds South of the
School house, Otay Mesa, Calif.

(3) TYPE OF WORK (check):

New well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐ Rotary ☐
Irrigation ☒ Test Well ☐ Other ☐ Cable ☒
Dug Well ☐

(6) CASING INSTALLED:

SINGLE ☒ DOUBLE ☐ 1-X-2 50
From ft. to ft. Diam. of Bore from ft. to ft.

0 to 1369 ft. 7 in 1 1/4

1-X-X

Type and size of shoe or well ring Baker Size of gravel:

Describe joint slip joint welded

(7) PERFORATIONS:

Type of perforator used 2 38-40

Size of perforations 5/16 x 1/4 in., length, by in.

From ft. to ft. Perf. per row Rows per ft.

1050 ft. to 1365 ft 600 cuts

2

(8) CONSTRUCTION:

Was a surface sanitary seal provided? ☐ Yes ☐ No To what depth ✓ ft.

Were any strata sealed against pollution? ☐ Yes ☐ No If yes, note depth of strata

From ft. to ft.

All heavy salt strata mudded off and
Method of Sealing casing pulled in.

(9) WATER LEVELS:

Depth at which water was first found 240 ft.

Standing level before perforating 520 ft.

Standing level after perforating 479 ft.

(10) WELL TESTS:

Was a pump test made? ☐ Yes ☐ No If yes, by whom?

Yield: gal./min. with ft. draw down after hrs.

Temperature of water Was a chemical analysis made? ☐ Yes ☐ No

Was electric log made of well? ☐ Yes ☐ No

(11) WELL LOG:

Total depth 1369-7 ft. Depth of completed well 1369-7 ft.

Formation: Describe by color, character, size of material, and structure.

0 ft. to 3 ft. Doby
3 " 20 " Sandy clay
20 " 64 " Congl Rock
64 " 295 " Sandy clay & stone Ledge
295 " 304 " Hard Sand Stone
304 " 701 " Sandy congl.
701 " 791 " Clay Tan.
791 " 805 " Congl. Rock
805 " 1085 " Shale & Stone Ledges
1085 " 1096 " Hard Sand Stone
1096 " 1112 " Shale
1112 " 1120 " Granite Boulders.
1120 " 1195 " Shale
1195 " 1265 " Packer Sand & Boulders
1265 " 1319 " Conglomerate
1319 " 1365 " Hard Broken Shale
1365 " 1374 " Hard Solid Slate.

Drilling Tests in Parts Salt per
million parts Water.

245'; 4175. 295'; 3545. 425'; 1200.
585'; 1285. 660'; 880. 805'; 985.
910'; 982. 1050'; 860. 1200'; 773.
1260'; 788. 1300'; 749. 1350'; 724.
1360'; 74 ppm.

CONFIDENTIAL - NOT
FOR PUBLIC RELEASE

MICROFILMED



00855001

Work started 4/15 1954 Completed 8/20 1954

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME J. Bartlett Baker 289

(Person, firm, or corporation) (Typed or printed)

Address 4026 Alabama St. San Diego Cal

[SIGNED] J. Bartlett Baker

Well Driller

License No. 129965 Dated Aug 23 1954

95689 3-54 2M GUIN © SPO DWR FORM NO. 246 (REV. 3-54)

PL.EV. REF. PT

4-11-73

Tape Readings	Dist. R.P. To Water Surface
REF. PT.	Water Surface

OBSERVER AND REMARKS

REGION

INVESTIGATION

WATER SAVING

SECRET

LOCATION

SECTION OF WATER RESOURCES
MICROFILMED

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES
WATER SAMPLE DATA SHEET

3/59 10.15

Loasted Well -
E. Gold Mount

- DESCRIPTION OF SAMPLING POINT

Sample taken from

10' North of well. From 12" irrigation pipe

00855002

OTAY MESSE

SKETCH

CACTUS RD

AIRWAY RD

4350

NORTH

2500

OVER 291

SOURCE

DATE	TIME	SAMPLE NO.	TEMP. °C	GAGE HEIGHT	DIS-CHARGE	RESISTIVITY °C OHMS	CI PPM
9/3/59	10:15	5576	79	E. GILMORE			

00855003



00855003

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES
WELL AND SAMPLING DATA

Owner ROBERT EGGER		State No. 1851W-347	
Address RFD NESTOR		Other No.	
Tenant		Woods 1777	
Address			
Location and Description OTAY MESA - 145' N. & of			
Alway Rd, 25' E of dirt rd. dirt rd			
is 4350' E of Cactus Rd.			
Description of reference points			
Ref. Pt. Elev.	How Identified		
Use IRRIGATION	Elev. of ground		
Capacity of well	Drawdown		
Depth 1374	Size of casing		
Chief installer			
Driller J. BARLETT BAKER			
Date completed 8/20/54	Insurence to water		
Kind and size of pump 8 1/2" - Jackson	Serial No. 294869		
Kind of power Elec	Horsepower 7.5	Meter No. —	
Log obtained Yes	Where obtainable SWN		

SKETCH SHOWING LOCATION OF WELL

MAP ID

5

Original, Duplicate and Triplicate with the
DIVISION OF WATER RESOURCES
P. O. BOX 1079
SACRAMENTO 8, CALIFORNIA

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS

DIVISION OF WATER RESOURCES

Do Not Fill In

State Well No. 185/1W-33K2

Other Well No.

Region 18

1) DRILLER: (person, firm, or corporation)

Name J. Bartlett Baker

Address 408 Alabama St.

San Diego 4, Calif.

OWNER:

Name J. A. Pickens

Address Associated Pump Co.

Otay Calif.

(2) Proposed Use (Check)

Domestic ☐Industrial ☐Irrigation ☒Test Well ☐Municipal ☐Other ☐

Equipment

Rotary ☐Cable ☒Dug Well ☐Other ☐

(3) CASING:

300 ft. of 12 in 17.80 lb./ga. casing left in well

Type and size of shoe or well ring

(4) PERFORATIONS:

Type of perforator used Mill, knife

Perforated 500 ft. to 525 ft. holes per

Perforations Random.

Diameter of perforations 3/8 in., length 3

(5) WATER LEVELS:

Was electric log made of well? ☐ Yes ☐ No. If yes, attach copy.

Depth at which water was first found 180

Standing level before perforating 500

Standing level after perforating 525

Note your observation of any change in water level while drilling

Was a surface sanitary seal provided? ☒ Yes ☐ No

(6) WELL PUMPING TEST:

Capacity 300 gal./min. ft. draw down

Was well gravel packed? ☒ Yes ☐ NoWere any strata sealed against pollution? ☒ Yes ☐ No

Temperature 62 degrees

Was a chemical analysis made? ☒ Yes ☐ No

Attach copy

If abandoned was well capped?

(7) TYPE OF WORK (check)

New well ☒Reconditioning of well ☐Deepening existing well ☐

(8) LOCATION OF WELL:

County San Diego

R. F. D. or Street No. 1/2 mile south and 200 yards east on north south road from Brown Field, Otay Mesa, Otay Calif.

(9) WELL LOG:

Total depth of well 598 ft.

Formation—Mention size of water gravel—

ft. to	ft.	Formation
0	4	Top Soil
4	24	Conglomerate Rock
24	105	Tan Clay
105	186	Grey Clay
186	220	Tan Clay
220	300	Sandy Clay
300	305	Hard sand stone ledge
305	320	Congl. Rock
320	341	Hard Stone
341	348	Sandy Clay & Sand Stone
348	350	Ledges.
350	385	Tan Clay
385	420	Hard Blue Shale
420	598	Clay Sand & shell

MICROFILMED

CONFIDENTIAL - NOT
FOR PUBLIC RELEASECONFIDENTIAL - NOT
FOR PUBLIC RELEASE

Work started June 2 1965, Completed July 20 1965

Date of Report July 22 1965

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

[SIGNED]

Well Driller

By

J. B. Baker

License No. 127447

Classification C-27

Dated July 20, 1965

46370 7-51 30M QUIN ① SPO

MAP ID

5

Original, Duplicate and Triplicate with the
DIVISION OF WATER RESOURCES
P. O. BOX 1079
SACRAMENTO 8, CALIFORNIA

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS

DIVISION OF WATER RESOURCES

Do Not Fill In

State Well No. 185/1W-33K2

Other Well No.

Region 18

1) DRILLER: (person, firm, or corporation)

Name J. Bartlett Baker

Address 405 Alabama St.

San Diego 4, Calif.

OWNER:

Name J. A. Pickens

Address Associated Pump Co.

Otay Calif.

(2) Proposed Use (Check)

Domestic ☐ Industrial ☐
Irrigation ☒ Test Well ☐
Municipal ☐ Other ☐

Equipment

Rotary ☐
Cable ☒
Dug Well ☐
Other ☐

(3) CASING:

300 ft. of 12 in 17.80 lb./ga. casing left in well

Type and size of shoe or well ring

(4) PERFORATIONS:

Type of perforator used Mill, knife

Perforated 500 ft. to 500 ft. holes per

Perforations Random.

Diameter of perforations 3/8 in., length 3

(5) WATER LEVELS:

Was electric log made of well? ☐ Yes ☐ No. If yes, attach copy.

Depth at which water was first found 180

Standing level before perforating 500

Standing level after perforating 525

Note your observation of any change in water level while drilling

Was a surface sanitary seal provided? ☒ Yes ☐ No

(6) WELL PUMPING TEST:

Capacity 300 gal./min. ft. draw down

Was well gravel packed? ☒ Yes ☐ NoWere any strata sealed against pollution? ☒ Yes ☐ No

Temperature 62 degrees

Was a chemical analysis made? ☒ Yes ☐ No

Attach copy

If abandoned was well capped?

(7) TYPE OF WORK (check)

New well ☐ Reconditioning of well ☐Deepening existing well ☐

(8) LOCATION OF WELL:

County San Diego

R. F. D. or Street No. 1/2 mile south and 200 yards east on north south road from Brown Field, Otay Mesa, Otay Calif.

(9) WELL LOG:

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Formation—Mention size of water gravel—

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24	105	Tan Clay
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300	305	Hard sand stone ledge
305	320	Congl. Rock
320	341	Sand Stone
341	348	Sandy Clay & Sand Stone
348	350	Ledges.
350	385	Tan Clay
385	420	Hard Blue Shale
420	598	Clay Sand & shell

MICROFILMED

CONFIDENTIAL - NOT
FOR PUBLIC RELEASECONFIDENTIAL - NOT
FOR PUBLIC RELEASE

Work started June 2 1965, Completed July 20 1965

Date of Report July 22 1965

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

[SIGNED]

Well Driller

By

J. B. Baker

License No. 127447

Classification C-27

Dated July 20, 1965

46370 7-51 30M QUIN ① SPO

SOURCE

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES
WELL AND SAMPLING DATA

DATE	TIME	SAMPLE NO.	TEMP. °C	GASE HEIGHT	DIS. CHARGE	RESISTIVITY		CI PPM
						°C	OHMS	
<p>Owner <u>J. A. Pickens</u> State No. <u>185/111-32</u></p> <p>Address <u>4026 Alabama St.</u> Other No. <u></u></p> <p>San Diego <u>San Diego</u>, <u></u></p> <p>Location and Description <u>550' W. of S. & E. U.S. Highway</u></p> <p><u>45' South of Airway Road</u></p> <p>Description of reference point <u>No measurements taken</u></p> <p><u>Well is plugged</u></p> <p>Ref. Pt. Elev. <u>—</u> How Determined <u>—</u></p> <p>Use <u>None</u> Elev. of ground <u>510</u></p> <p>Capacity of well <u>—</u> Drawdown <u>—</u></p> <p>Depth <u>878</u> Size of casing <u>12"</u></p> <p>Chief aquifer <u>—</u></p> <p>Driller <u>San Diego Pump & Well Drillers</u></p> <p>Date completed <u>July 29, '55</u> Distance to water <u>—</u></p> <p>Kind and size of pump <u>No Pump</u> Serial No. <u>—</u></p> <p>Kind of power <u>Electric</u> Motorpower <u>—</u> Meter No. <u>220650</u></p> <p>Log obtained <u>Yes</u> Where obtainable <u>WPA WPB</u></p> <p>Sketch showing location of well <u>Region 9</u></p>								



MAP ID

6

Drillers Logs Unavailable

23971 3-50 40M 2UIN SPC

SHEET 1

(Sections 7076, 7077, 7078, Water Code)

Do Not Fill In
State Well No. 185/1W 21R1
Other Well No. _____
Region 9

- (1) Driller: Name San Diego Pump & Well Drillers
Address 145 Brightwood St.
Chula Vista, Calif.
License No. _____ Classification _____
- Owner: 16465
Name Otay Agricultural Corp.
Address P.O. Box 835
Chula Vista, Calif.
- (2) Proposed use or uses (check):
Domestic ☐ Municipal ☐
Irrigation ☐ Industrial ☐
Domestic and Test well ☐
Irrigation ☐
Other _____
- (3) Equipment used (check):
Rotary ☐
Cable ☒
Dug well ☒
Other _____
- (4) Type of work (check):
New well ☐ Reconditioning of well ☐
Deepening existing well ☐

- (5) Well log: Total depth of well 110 ft. Give details of formations penetrated, such as silt, peat, muck, sand, gravel, clay, shale, sandstone, hardpan, rock. Include size of gravel (diameter) and sand (fine, medium, coarse), color of material, structure (loose, packed, cemented, soft, hard, brittle).
- Depth From Ground Surface

[illegible]

If additional space is required, continue on DWR Form No. 246—Supplement, and attach to respective report copies.

- | (6) Casing left in well: | | SINGLE, DOUBLE, WELDED,
OTHER | | LBS. PER FOOT OR
GAGE OF CASING | SEATING BELOW
GROUND SURFACE, FT. |
|------------------------------------|--------------------|-------------------------------------------------------------------------|--|------------------------------------|--------------------------------------|
| LENGTH
FT. | DIAMETER
INCHES | | | | |
| None | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Type and size of shoe or well ring | | Welded joints— <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |

D.W.R. FORM NO. 246

FIELD LOCATED BY DJL DATE 9-11-52
 PLOTTED & INDEXED BY DJL DATE 9-15-52 2971 3-50 40M GUIN SPO

22971 3-50 40M 211N SP

22971 3-50 40M 211N SP

SHEET 2

(Sections 7076, 7077, 7078, Water Code)

State Well No. 185/LW 21R1

Other Well No.

Region _____

Type of perforator used ~~XXXXXX~~

Perforated	ft.	to	ft.	Hole size	No. of holes
" "	" "	" "	" "	" "	" " - "
" "	" "	" "	" "	" "	" " - "
" "	" "	" "	" "	" "	" " - "
" "	" "	" "	" "	" "	" " - "
" "	" "	<u>Well Abandoned</u>	" "	" "	" " - "
" "	" "	" "	" "	" "	" " - "
" "	" "	" "	" "	" "	" " - "
" "	" "	" "	" "	" "	" " - "
" "	" "	" "	" "	" "	" " - "
" "	" "	" "	" "	" "	" " - "

**CONFIDENTIAL - NOT
FOR PUBLIC RELEASE**

CONFIDENTIAL - NOT
FOR PUBLIC RELEASE

(9) Well pumping test:

Depth at which water first encountered No water ft.
Depth to water before perforating _____ ft.

Date of test..... By whom.....
 Depth to water when test started..... ft.
 G.P.M. at beginning of test.....
 Drawdown from standing level..... ft.
 G.P.M. at completion of test.....
 Drawdown at completion of test..... ft.
 Length of time tested.....
 Temperature of water.....
 Was gas present in water? ☐ Yes ☐ No



00836002

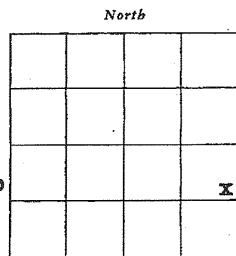
Was well gravel packed? _____ Size of rock _____ Thickness of pack _____
 Was a surface sanitary seal provided? _____
 Were any strata sealed against pollution? ☐ Yes ☐ No If yes, attach detailed description.
 Strata sealed _____
 Was analysis made of water? ☐ Yes ☐ No If yes, attach copy. **MICROFILMED**
 Was electric log made of well? ☐ Yes ☐ No If yes, attach copy.
 If well abandoned, was it plugged and sealed? Yes
 Method of plugging and sealing Large boulders and clay.

MICROFILMED

(12) Time of work:

Work started date 10/1/51 completed date 10/26/51
Date of this report 10/31/51

Date of this report.....10/31/51



1 MILE

Section No. 21
Township 18-S
Range 1-W
Base & Meridian S.B.
Show location of well in Section, thus (X)
Distances to section lines from well, N or S 1400 ft. and E or W 200 ft.
Show location of nearest known well, thus (O)
Distance to nearest known well 1-Mile.

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

[SIGNED] San Diego Pump & Well Drillers

By W. Hamilton
License No. 88485 Classification 057

Dated: 10/31/51, 1951

SHEET 2

(Sections 7076, 7077, 7078, Water Code)

State Well No. 185/LW 21R1

Other Well No.

Region _____

Type of perforator used ~~XXXXXX~~

[illegible]

CONFIDENTIAL - NOT
FOR PUBLIC RELEASE

(9) Well pumping test:

Depth at which water first encountered No water ft.
Depth to water before perforating _____ ft.

Date of test..... By whom.....
 Depth to water when test started..... ft.....
 G.P.M. at beginning of test.....
 Drawdown from standing level..... ft.....
 G.P.M. at completion of test.....
 Drawdown at completion of test..... ft.....
 Length of time tested.....
 Temperature of water.....
 Was gas present in water? ☐ Yes ☐ No



00836002

Was well gravel packed? _____ Size of rock _____ Thickness of pack _____
 Was a surface sanitary seal provided? _____
 Were any strata sealed against pollution? ☐ Yes ☐ No If yes, attach detailed description.
 Strata sealed _____
 Was analysis made of water? ☐ Yes ☐ No If yes, attach copy. **MICROFILMED**
 Was electric log made of well? ☐ Yes ☐ No If yes, attach copy.
 If well abandoned, was it plugged and sealed? Yes
 Method of plugging and sealing Large boulders and clay.

MICROFILMED

(12) Time of work:

Section No. 21
Township 18-S
Range 1-W
Base & Meridian S.B.
Show location of well in Section, thus (X)
Distances to section lines from well, N or S 1400 ft. and E or W 200 ft.
Show location of nearest known well, thus (O)
Distance to nearest known well 1- Mile.

Work started date 10/1/51 completed date 10/26/51
Date of this report 10/31/51

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

[SIGNED] San Diego Pump & Well Drillers

By W. Hamilton
License No. 88485 Classification 057

Dated: 10/31/51, 1951

SHEET 2

(Sections 7076, 7077, 7078, Water Code)

State Well No. 185/LW 21R1

Other Well No.

Region _____

Type of perforator used ~~XXXXXX~~

[illegible]

CONFIDENTIAL - NOT
FOR PUBLIC RELEASE

(9) Well pumping test:

Depth at which water first encountered No water ft.
Depth to water before perforating _____ ft.

Date of test..... By whom.....
 Depth to water when test started..... ft.....
 G.P.M. at beginning of test.....
 Drawdown from standing level..... ft.....
 G.P.M. at completion of test.....
 Drawdown at completion of test..... ft.....
 Length of time tested.....
 Temperature of water.....
 Was gas present in water? ☐ Yes ☐ No



00836002

Was well gravel packed? _____ Size of rock _____ Thickness of pack _____
 Was a surface sanitary seal provided? _____
 Were any strata sealed against pollution? ☐ Yes ☐ No If yes, attach detailed description.
 Strata sealed _____
 Was analysis made of water? ☐ Yes ☐ No If yes, attach copy. **MICROFILMED**
 Was electric log made of well? ☐ Yes ☐ No If yes, attach copy.
 If well abandoned, was it plugged and sealed? Yes
 Method of plugging and sealing Large boulders and clay.

MICROFILMED

(12) Time of work:

North

O X

1 MILE

Section No. 21
Township 18-S
Range 1-W
Base & Meridian S.B.
Show location of well in Section, thus (X)
Distances to section lines from well, N or S 1400 ft. and E or W 200 ft.
Show location of nearest known well, thus (O)
Distance to nearest known well 1-Mile.

Work started date 10/1/51 completed date 10/26/51
Date of this report 10/31/51

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

[SIGNED] San Diego Pump & Well Drillers

By W. Hamilton
License No. 88485 Classification 057

Dated: 10/31/51, 1951

SHEET 2

(Sections 7076, 7077, 7078, Water Code)

State Well No. 185/LW 21R1

Other Well No.

Region _____

Type of perforator used ~~XXXXXX~~

Perforated	ft.	to	ft.	Hole size	No. of holes
" "	" "	" "	" "	" "	" " - "
" "	" "	" "	" "	" "	" " - "
" "	" "	" "	" "	" "	" " - "
" "	" "	" "	" "	" "	" " - "
" "	" "	<u>Well Abandoned</u>	" "	" "	" " - "
" "	" "	" "	" "	" "	" " - "
" "	" "	" "	" "	" "	" " - "
" "	" "	" "	" "	" "	" " - "
" "	" "	" "	" "	" "	" " - "
" "	" "	" "	" "	" "	" " - "

**CONFIDENTIAL - NOT
FOR PUBLIC RELEASE**

CONFIDENTIAL - NOT
FOR PUBLIC RELEASE

(9) Well pumping test:

Depth at which water first encountered No water ft.
Depth to water before perforating _____ ft.

Date of test..... By whom.....
 Depth to water when test started..... ft.....
 G.P.M. at beginning of test.....
 Drawdown from standing level..... ft.....
 G.P.M. at completion of test.....
 Drawdown at completion of test..... ft.....
 Length of time tested.....
 Temperature of water.....
 Was gas present in water? ☐ Yes ☐ No



00836002

Was well gravel packed? _____ Size of rock _____ Thickness of pack _____
 Was a surface sanitary seal provided? _____
 Were any strata sealed against pollution? ☐ Yes ☐ No If yes, attach detailed description.
 Strata sealed _____
 Was analysis made of water? ☐ Yes ☐ No If yes, attach copy. **MICROFILMED**
 Was electric log made of well? ☐ Yes ☐ No If yes, attach copy.
 If well abandoned, was it plugged and sealed? Yes
 Method of plugging and sealing Large boulders and clay.

MICROFILMED

(12) Time of work:

North

0 X

1 MILE

Section No. 21
Township 18-S
Range 1-W
Base & Meridian S.B.
Show location of well in Section, thus (X)
Distances to section lines from well, N or S 1400 ft. and E or W 200 ft.
Show location of nearest known well, thus (O)
Distance to nearest known well 1- Mile.

Work started date 10/1/51 completed date 10/26/51
Date of this report 10/31/51

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

[SIGNED] San Diego Pump & Well Drillers

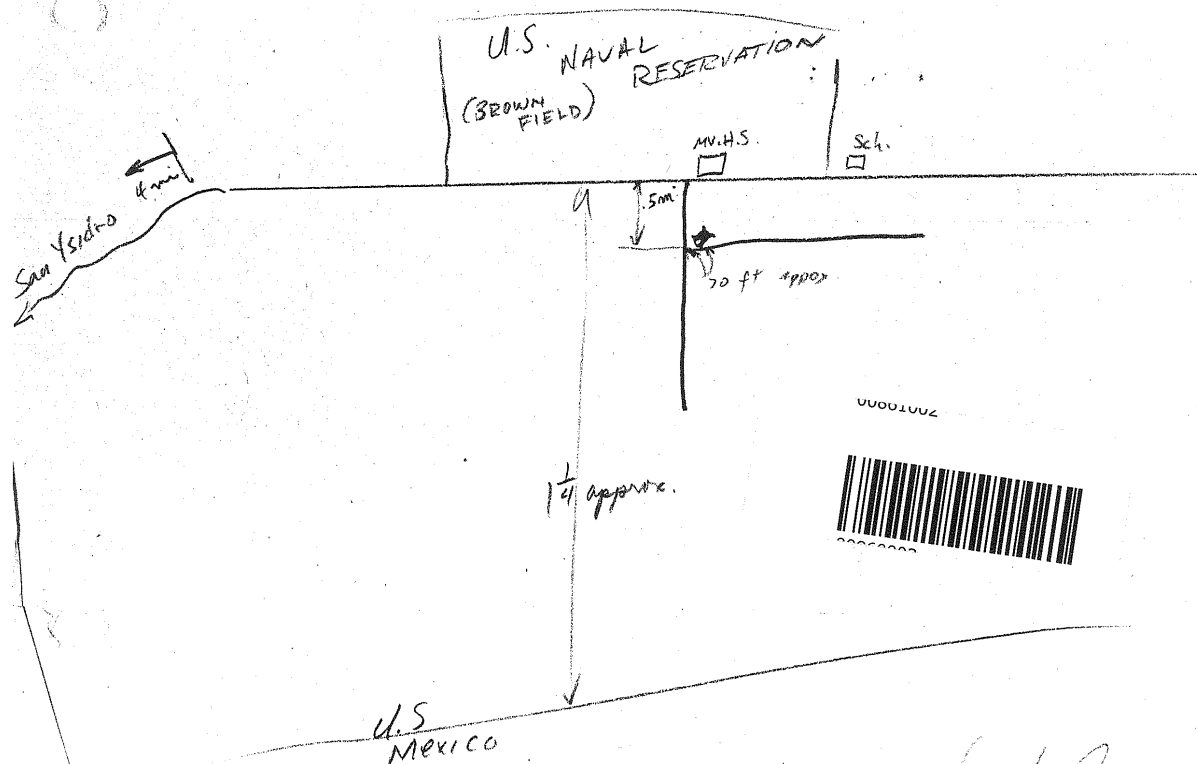
By W. Hamilton
License No. 88485 Classification C57

Dated: 10/31/51, 1951

FIELD CHECK OF WELL LOCATIONBRILLER S.D. PUMP & WELL DRILLERSCHECKED BY D.J. LEVE.OWNER MIKE VITORIADATE 19 PUMP NO. METER NO. STATE WELL NO. 185/1W.33K1

LOCATE WELL WITH REFERENCE TO ROADS AND ROAD INTERSECTIONS: ALSO INDICATE
DISTANCES AND DIRECTIONS TO NEARBY CITIES OR TOWNS.

MICROFILMED



WATER WELL DRILLERS REGISTRATION ACT
(Sections 7076, 7077, 7078, Water Code)
Continued (2)
STATE OF CALIFORNIA

28576
Do Not Fill In
N^o 28577
State Well No. _____
Other Well No. _____

Name Jaekel & Rogers
Address P. O. Box 704,
Chula Vista, California.

County _____
R. F. D. or Street No. _____



If abandonment, describe material and procedure in Item 11.

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

Rotary	<input type="checkbox"/>
Cable	<input type="checkbox"/>
Dug Well	<input type="checkbox"/>

[illegible][illegible]

Describe joint

Type of perforator used

Size	of perforations		in., length, by		in.
From	ft. to	ft.	Perf. per row	Rows per ft.	
..
..
..
..
..

Was a surface sanitary seal provided? ☐ Yes ☐ No To what depth _____ ft.

Were any strata sealed against pollution? ☐ Yes ☐ No If yes, note depth of strata

From	ft. to	ft.
------	--------	-----

Method of Sealing

Depth at which water was first found	ft.
Standing level before perforating	ft.
ling level after perforating	ft.

Was a pump test made? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, by whom?			
Yield:	gal./min. with	ft. draw down after	hrs.
Temperature of water	Was a chemical analysis made? <input type="checkbox"/> Yes <input type="checkbox"/> No		
Was electric log made of well? <input type="checkbox"/> Yes <input type="checkbox"/> No			

Total depth	ft.	Depth of completed well	ft.
-------------	-----	-------------------------	-----

Formation: Describe by color, character, size of material, size of structure, 64.5 feet		
ft. to	ft.	
663	660	brown shale - water test 995ppm chloride
667	661	" " " " 2
675	675	" sand
683	683	" brown shale
683	697	" brown sticky shale
697	715	" sticky shale
715	732	" brown shale
732	735	" hard blue shale
735	738	" " " " 2
738	752	" gray sticky shale
752	763	" gray shale
763	768	" sand shale
768	764	" " " " "
764	781	" hard sand - 780 - water test 100 chlorides ppm
781	792	" " " " "
792	796	" sand shale
796	803	" blue shale
803	822	" " " " MICROFILMED
822	828	" hard sand shale
828	836	" broken sand
836	838	" hard ledge
838	840	" sand
840	844	" hard ledge - 840 - water test 921 ppm chloride
844	847	" shale
847	854	" hard shale
854	857	" broken sand & shale
857	880	" " " " " - 875 - water test 762 ppm chloride
880	891	" hard rock
891	897	" " " " "
897	901	" broken sand - 900 water test 733 ppm chloride
901	903	" rock
903	907	" shale
907	912	" hard sand
912	920	" sand shale
920	928	" hard sand - 925 water test 594 ppm chloride
928	933	" broken sand
933	944	" broken sand shale
944	950	" broken sand
950	954	" dark sticky shale - 950 water test 604 ppm chloride
954	959	" hard black rock
959	962	" dark sticky shale
962	974	" hard black rock
974	981	" blue sticky shale

WELL DRILLER'S STATEMENT: **CONFIDENTIAL - NO**
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. **FOR PUBLIC RELEASE**

NAME _____
(Person, firm, or corporation) (Typed or printed)

Address _____

[SIGNED] _____ Well Driller
License No. _____ Dated _____, 19____

DUPLICATE

File Original, Duplicate and Triplicate with the
REGIONAL WATER POLLUTIONCONTROL BOARD No. _____
(Insert appropriate number)

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA

78576
Do Not Fill In
No. 10018

State Well No. _____

Other Well No. _____

(1) OWNER:

Name Jaekel & Rogers
Address P.O. Box 704
Chulka Vista, Calif.

(2) LOCATION OF WELL:

County _____

R. F. D. or Street No. _____



00856003

(3) TYPE OF WORK (check):

New well ☐ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

(5) EQUIPMENT:

Rotary ☐
Cable ☐
Dug Well ☐

(6) CASING INSTALLED:

SINGLE ☐ DOUBLE ☐

From	ft. to	ft.	Diam.	Gage or Wall
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"

Type and size of shoe or well ring

Describe joint

If gravel packed

Diameter of Bore	from ft.	to ft.
"	"	"
"	"	"
"	"	"
"	"	"
"	"	"

Size of gravel:

(7) PERFORATIONS:

Type of perforator used

Size of perforations	in., length, by	in.		
From	ft. to	ft.	Perf. per row	Rows per ft.
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"

(8) CONSTRUCTION:

Was a surface sanitary seal provided? ☐ Yes ☐ No To what depth _____ ft.Were any struts sealed against pollution? ☐ Yes ☐ No If yes, note depth of struts

From _____ ft. to _____

Method of Sealing

(9) WATER LEVELS:

Depth at which water was first found _____ ft.

Standing level before perforating _____ ft.

Filling level after perforating _____ ft.

(10) WELL TESTS:

Was a pump test made? ☐ Yes ☐ No If yes, by whom?

Yield: _____ gal./min. with _____ ft. draw down after _____ hrs.

Temperature of water _____ Was a chemical analysis made? ☐ Yes ☐ NoWas electric log made of well? ☐ Yes ☐ No

(11) WELL LOG:

Total depth _____ ft. Depth of completed well _____ ft.

Formation: Describe by color, character, size of material, and structure.

981	ft. to	984	ft.	hard sand
984	"	994	"	hard sand shale - 990 water
994	"	998	"	sand shale test 516 ppm chl
998	"	1000	"	hard rock
1000	"	1004	"	broken sand
1004	"	1009	"	hard rock
1009	"	1020	"	rock
1020	"	1026	"	hard blue shale
1026	"	1029	"	hard sand
1029	"	1033	"	sandy shale
1033	"	1040	"	blue shale
1040	"	1044	"	hard rock
1044	"	1054	"	blue shale
1054	"	1058	"	rock - 1056 water test 535 ppm
1058	"	1060	"	blue sand shale chloride
1060	"	1064	"	" " "
1064	"	1067	"	hard sand ledge
1067	"	1070	"	sand shale
1070	"	1073	"	hard blue shale
1073	"	1078	"	blue shale
1078	"	1085	"	rock
1085	"	1091	"	broken sand - 1090 water test 445 ppm chl
1091	"	1097	"	hard rock
1097	"	1103	"	"
1103	"	1109	"	"
1109	"	1110	"	shale
1110	"	1114	"	water sand test 475-11141 chlor
1114	"	1119	"	rock
1119	"	1121	"	hard blue shale
1121	"	1136	"	rock
1136	"	1138	"	broken sand shale
1138	"	1144	"	rock
1144	"	1147	"	hard blue shale
1147	"	1149	"	rock
1149	"	1151	"	hard blue shale - 1150 water test 515 ppm chl
1151	"	1154	"	" " "
1154	"	1156	"	hard rock
1156	"	1159	"	hard blue shale & rock
1159	"	1164	"	" " " "
1164	"	1168	"	rock
1168	"	1173	"	hard blue shale
1173	"	1176	"	rock

Work started _____ 19 _____ Completed _____ 19 _____

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME

(Person, firm, or corporation)

(Typed or printed)

Address

[SIGNED] _____

Well Driller

License No. _____ Dated _____ 19 _____

95689 3-54 50M QUIN © SPO

DWR FORM NO. 246 (REV. 3-54)

DUPLICATE

File Original, Duplicate and Triplicate with the
REGIONAL WATER POLLUTIONCONTROL BOARD No. _____
(Insert appropriate number)

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA

Do Not Fill In

No. 28548

State Well No. _____

Other Well No. _____

(1) OWNER:

Name Jaekel & Rogers
Address P.O. Box 704,
Chula Vista, California

(2) LOCATION OF WELL:

County _____ Owner's number, if any _____
R. F. D. or Street No. _____

00856004

(3) TYPE OF WORK (check):

New well ☐ Deepening ☐ Reconditioning ☐ Abandoning ☐

If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

(5) EQUIPMENT:

Rotary ☐
Cable ☐
Dug Well ☐

(6) CASING INSTALLED:

SINGLE ☐ DOUBLE ☐

From	ft. to	ft.	Diam.	Gage or Wall
..
..
..
..
..

Type and size of shoe or well ring

Describe joint

If gravel packed

Diameter of Bore	from ft.	to ft.
..
..
..
..
..

Size of gravel:

(7) PERFORATIONS:

Type of perforator used

Size of perforations	in., length, by	in.
From	ft. to	ft.
..
..
..
..
..

(8) CONSTRUCTION:

Was a surface sanitary seal provided? ☐ Yes ☐ No To what depth _____ ft.Were any strata sealed against pollution? ☐ Yes ☐ No If yes, note depth of strata

From _____ ft. to _____ ft.

Method of Sealing

(9) WATER LEVELS:

Depth at which water was first found _____ ft.

Standing level before perforating _____ ft.

Standing level after perforating _____ ft.

(10) WELL TESTS:

Was a pump test made? ☐ Yes ☐ No If yes, by whom _____

Yield: _____ gal./min. with _____ ft. draw down after _____ hrs.

Temperature of water _____ Was a chemical analysis made? ☐ Yes ☐ NoWas electric log made of well? ☐ Yes ☐ No

(11) WELL LOG:

Total depth _____ ft. Depth of completed well _____ ft.

Formation: Describe by color, character, size of material, and structure.

ft. to	ft.	Formation
1176	1182	hard sand
1182	1184	hard blue shale
1184	1187	rock
1187	1206	hard blue shale
1206	1211	hard rock
1211	1217	blue sand shale
1217	1219	gravel - 1217-1225 water test 624 ppm chlor
1219	1220	rock
1220	1234	sand & gravel
1234	1242	sand shale
1242	1247	hard rock
1247	1252	hard sand
1252	1272	sand shale
1272	1274	rock
1274	1284	hard blue shale
1284	1290	brown sand- hard shale
1290	1297	brown sand shale
1297	1300	dark brown sand hard shale
1300	1307	sticky shale
1307	1311	hard sand
1311	1318	rock
1318	1330	broken hard sand
1330	1335	hard sand
1335	1339	rock
1339	1342	hard dark brown shale
1342	1361	broken white sand - 1345-1361 water test 504 ppm chlor
1361	1368	hard sand
1368	1384	broken sand shale - 1375-1384 water test 630 ppm chlor
1384	1391	small gravel sand shale
1391	1395	brown shale
1395	1397	gray shale
1397	1406	green sticky shale
1406	1410	gray shale
1410	1411	green sticky shale
1411	1415	hard sand shale

CONFIDENTIAL - NOT
FOR PUBLIC RELEASE

Work started _____ 19 _____ Completed _____ 19 _____

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME _____ (Person, firm, or corporation) (Typed or printed)

Address _____

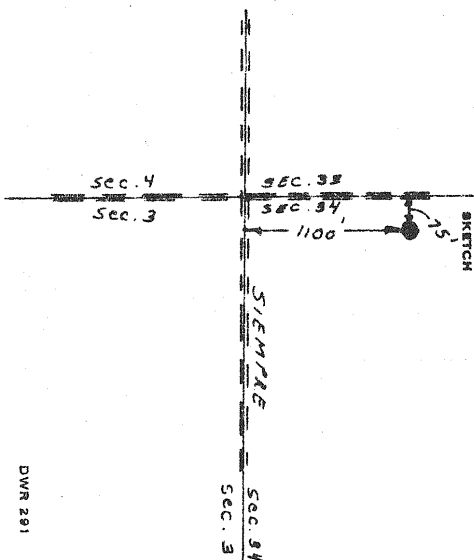
[SIGNED] _____ Well Driller

License No. _____ Dated _____, 19 _____

95689 3-54 50M QUIN © SPO

DWR FORM NO. 246 (REV

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES
WATER SAMPLE DATA SHEET

[illegible]

00856006

FORM 115 INVESTIGATION

**DIVISION OF WATER RESOURCES
DEPARTMENT OF PUBLIC WORKS
STATE OF CALIFORNIA**

SHEET 1

NUMBER 185/2W-24H1

WELL LOG

LOCAL DESIGNATION_____

LOCATION Otag River Valley E. of Otag
about 1/4 mi.

OWNER Mr. Davies

DATE COMPLETED July 1947

DIAMETER OF CASING 10" std

DIAMETER OF CASING _____

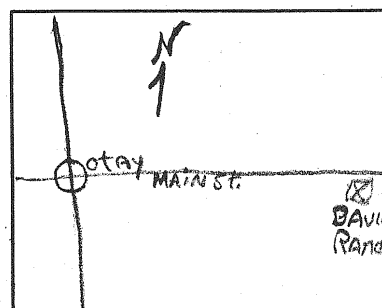
DRILLED BY W^or James W^or Ranbarn

SOURCE OF INFORMATION H.D. Schoover

INSPECTED WHILE DRILLING _____ SEE FILE NO. _____

SURFACE ELEVATION Approx 200'

SKETCH

[illegible]

FOR FIELD COPIES USE ALTERNATE LINES



00867001

LOG OBTAINED BY.

DATE _____

Page 1 of 1

Owner's Well No. ERRECA'S

Date Work Began 5/16/2005 Ended 5/26/2005

Local Permit Agency SAN DIEGO COUNTY HEALTH DEPART

Permit No. 16628

- Permit Date 5/16/2005

STATE OF CALIFORNIA

COMPLETION
Refer to Instruction Pamphlet

No. 1081651

DWR USE ONLY -- DO NOT FILL IN


STATE WELL NO./STATION NO.

LATITUDE LONGITUDE

#ON/OFF/OTHER

GEOLOGIC LOG

- WELL OWNER

ORIENTATION (°)		VERTICAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/> ANGLE _____ (SPECIFY)		Name SUN ROAD AUTO PARK		Mailing Address P.O. BOX 640		CA 92040	
DEPTH FROM SURFACE Ft. to Ft.		DRILLING METHOD _____ FLUID _____		City CHULA VISTA CA 92040		STATE CA ZIP 92040		WELL LOCATION	
		DESCRIPTION <i>Describe material, grain, size, color, etc.</i>							
		WELL DESTRUCTION METHOD		<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Address MAIN STREET City CHULA VISTA CA 91910 County SAN DIEGO APN Book 644 Page 040 Parcel 86 Township 18 S Range 1 E Section 20 Latitude _____ </div> <div style="width: 50%;"> Address _____ City _____ County _____ APN Book _____ Page _____ Parcel _____ Township _____ Range _____ Section _____ Latitude _____ </div> </div>					
		CUTDOWN FIVE FEET							
		FILL WITH 8 SACK CEMENT MIX							
		SACKFILLED FIVE FEET WITH A MUSHROOM LID							
<div style="text-align: center;">  00077001 00077001 </div>		DEG. MIN. SEC. _____ LOCATION SKETCH NORTH _____ SOUTH _____ WEST _____ EAST _____ Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE COMPLETE.		DEG. MIN. SEC. _____ ACTIVITY (°) NEW WELL _____ MODIFICATION/REPAIR _____ ___ Deepen ___ Other (Specify) _____ <input checked="" type="checkbox"/> DESTROY (Describe Procedure and Material Under "GEOLOGIC LOG") PLANNED USES (°) WATER SUPPLY _____ ___ Domestic ___ Public ___ Irrigation ___ Industrial MONITORING _____ TEST WELL _____ CATHODIC PROTECTION _____ HEAT EXCHANGE _____ DIRECT PUSH _____ INJECTION _____ VAPOR EXTRACTION _____ SPARGING _____ REMEDIATION _____ OTHER (SPECIFY) _____					
TOTAL DEPTH OF BORING 1000 (Feet)		WATER LEVEL & YIELD OF COMPLETED WELL							
TOTAL DEPTH OF COMPLETED WELL _____ (Feet)		DEPTH TO FIRST WATER _____ (Ft.) BELOW SURFACE DEPTH OF STATIC _____ WATER LEVEL _____ (Ft.) & DATE MEASURED _____ ESTIMATED YIELD * _____ (GPM) & TEST TYPE _____ TEST LENGTH _____ (Hrs.) TOTAL DRAWDOWN _____ (Ft.) May not be representative of a well's long-term yield.							

[illegible]

ATTACHMENTS (2)

- _____ Geologic Log
 _____ Well Construction Diagram
 _____ Geophysical Log(s)
 _____ Soil/Water Chemical Analysis
 _____ Other _____

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME MORRISON DRILLING

NAME MURKIN, DANIEL
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

P.O. BOX 117

ADDRESS

Signed

ALPINE

C.

9190

TV

§

ATE

05/27/05
DATE SIGNED

771901
C-53-LIC

DATE SIGNED

C-57 LICENSE NUMBER

uplicate and Triplicate with the
WATER RESOURCES
79
TO 5. CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES

SHEET 1

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

Do Not Fill In
State Well No. 185/1W 9K1
Other Well No. _____
Region 9

(1) Driller:

Name San Diego Pump & Well Drillers
Address 14508 Brightwood St.
Chula Vista, Calif.
License No. 88485 Classification C57

(2) Proposed use or uses (check):

Domestic ☐
Irrigation ☐
Domestic and
Irrigation ☒
Other _____

(3) Equipment used

(check):
Rotary ☐
Cable ☐
Dug well ☒
Other _____

Owner:

Name Otay Agricultural Corp. 16462
Address P.O. Box 835
Chula Vista, Calif.

(4) Type of work (check):

New well ☒ Reconditioning of well ☐
Deepening existing well ☐

(5) Well log:

Total depth of well 540 ft.

Give details of formations penetrated, such as silt, peat, muck, sand, gravel, clay, shale, sandstone, hardpan, rock. Include size of gravel (diameter) and sand (fine, medium, coarse), color of material, structure (loose, packed, cemented, soft, hard, brittle).

Depth From Ground Surface

ft.	to	ft.
0	10	
10	50	
50	390	
390	410	
410	470	
470	490	
490	508	
508	515	
515	540	

Top Soil

Soft white sand stone with hard ledges

Yellow clay

Silty clay & gravel (Water Test (1140 PPM))

Yellow clay

Hard brown shale

Yellow clay with layers of yellow rock

" " " large boulders

Rock

CONFIDENTIAL - NOT

FOR PUBLIC RELEASE

MICROFILMED

CONFIDENTIAL - NOT
FOR PUBLIC RELEASE

00640001



If additional space is required, continue on DWR Form No. 246—Supplement, and attach to respective report copies.

(6) Casing left in well:

LENGTH FT.	DIAMETER INCHES
513'-10"	12

SINGLE, DOUBLE, WELDED,
OTHER

Welded

LBS. PER FOOT OR
GAGE OF CASING

33.34#

SEATING BELOW
GROUND SURFACE, FT.

512

Type and size of shoe or well ring _____ Welded joints ☐ Yes ☐ No

12x12x3/4"

FIELD LOCATED BY

DATE

uplicate and Triplicate with the
WATER RESOURCES
79
TO 5. CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES

SHEET 1

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

Do Not Fill In
State Well No. 185/1W 9K1
Other Well No. _____
Region 9

(1) Driller:

Name San Diego Pump & Well Drillers
Address 14508 Brightwood St.
Chula Vista, Calif.
License No. 88485 Classification C57

(2) Proposed use or uses (check):

Domestic ☐
Irrigation ☐
Domestic and
Irrigation ☒
Other _____

(3) Equipment used (check):

Municipal ☐
Industrial ☐
Test well ☐
Rotary ☐
Cable ☐
Dug well ☒
Other _____

Owner:

Name Otay Agricultural Corp. 16462
Address P.O. Box 835
Chula Vista, Calif.

(4) Type of work (check):

New well ☒ Reconditioning of well ☐
Deepening existing well ☐

(5) Well log:

Total depth of well 540 ft.

Give details of formations penetrated, such as silt, peat, muck, sand, gravel, clay, shale, sandstone, hardpan, rock. Include size of gravel (diameter) and sand (fine, medium, coarse), color of material, structure (loose, packed, cemented, soft, hard, brittle).

Depth From Ground Surface

ft.	to	ft.
0	10	
10	50	
50	390	
390	410	
410	470	
470	490	
490	508	
508	515	
515	540	

Top Soil

Soft white sand stone with hard ledges

Yellow clay

Silty clay & gravel (Water Test (1140 PPM))

Yellow clay

Hard brown shale

Yellow clay with layers of yellow rock

" " " large boulders

Rock

CONFIDENTIAL - NOT

FOR PUBLIC RELEASE

MICROFILMED

CONFIDENTIAL - NOT

FOR PUBLIC RELEASE

00640001



If additional space is required, continue on DWR Form No. 246—Supplement, and attach to respective report copies.

(6) Casing left in well:

LENGTH FT.	DIAMETER INCHES
513'-10"	12

SINGLE, DOUBLE, WELDED,
OTHER

Welded

LBS. PER FOOT OR
GAGE OF CASING

33.34#

SEATING BELOW
GROUND SURFACE, FT.

512

Type and size of shoe or well ring _____ Welded joints ☐ Yes ☐ No

12x12x3/4"

FIELD LOCATED BY

DATE

SHEET 2

(Sections 7076, 7077, 7078, Water Code)

State Well No. 1K5/1W 9K1
Other Well No. _____
Region 9

[illegible]

00810000

00849002

(9) **Well pumping test:**

Depth at which water first encountered **390** ft.

Depth to water before perforating **390** ft.

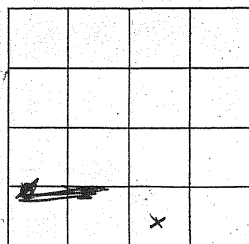
Depth to water after perforating **342** ft.

Note any change in water level while drilling
no

Date of test 2/26/52 By whom S.D. Pump & Well Driller
 Depth to water when test started 342 ft.
 G.P.M. at beginning of test 50
 Drawdown from standing level 19 ft.
 G.P.M. at completion of test 50
 Drawdown at completion of test 19 ft.
 Length of time tested 6 Hrs.
 Temperature of water _____
 Was gas present in water? ☐ Yes ☒ No

Was well gravel packed? no 2 Size of rock _____ Thickness of pack _____
 Was a surface sanitary seal provided? no 2
 Were any strata sealed against pollution? ☐ Yes ☒ No If yes, attach detailed description. 2
 Strata sealed _____
 Was analysis made of water? ☒ Yes ☐ No If yes, attach copy. (See Log **MICROFILMED**)
 Was electric log made of well? ☐ Yes ☒ No If yes, attach copy.
 If well abandoned, was it plugged and sealed?
 Method of plugging and sealing _____

North



1 MILE

Section No. 21
Township 18 S
Range 1 W

Base & Meridian S.B.

Show location of well in Section, thus (X)

Distances to section lines from
well, N or S ~~1200~~ 600' ft.
and E or W ~~1200~~ 2100' E

Show location of nearest known well, thus (O)

Distance to nearest known well 1300 ft.

(12) Time of work:

Work started date 1/6/52 Completed date 2/27/52
Date of this report 3/1/52

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

[SIGNED] San Diego Pump & Well Drillers

By J. A. Hamilton

License No. 88485 Classification C57

Dated 3/1/52 19

MAP ID
13

Drillers Logs Unavailable

MAP ID

13

ORIGINAL
File with DWR

Page 1 of 1

Owner's Well No. _____

No. 564919

Date Work Began 12-2-95 Ended 12-15-95

Local Permit Agency SAN DIEGO

Permit No. W623086

Permit Date 11-14-95

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

DWR USE ONLY - DO NOT FILL IN

STATE WELL NO. / STATION NO.	
LATITUDE	LONGITUDE
APN, TRS, OTHER	

GEOLOGIC LOG

ORIENTATION (✓) <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/> ANGLE _____ (SPECIFY)	
DEPTH TO FIRST WATER 450 (Ft.) BELOW SURFACE	
DEPTH FROM SURFACE Ft. to Ft.	DESCRIPTION Describe material, grain size, color, etc.
0 220	GRAY CLAY
220 240	LARGE COARSE SAND & GRAVEL
240 260	CLAY & GRAVEL
260 280	CLAY W/ COARSE SAND & GRAVEL
280 320	HARD PACKED SAND
320 340	CLAY W/ COARSE SAND & GRAVEL
340 520	CLAY W/ LITTLE SAND / LITTLE WATER
520 600	RED CLAY
600 620	RED CLAY W/ SAND
620	STOP

WELL OWNER
Name OTEY WATER DISTRICT
Mailing Address 2554 SWEETWATER SPRINGS RD.
0 SPRING VALLEY, CA 91977-7299
CITY STATE ZIPWELL LOCATION
Address OFF HARVEST RD.
City OTEY
County SAN DIEGO
APN Book 646 Page 012 Parcel 22
Township 18S Range 1W Section 35
Latitude _____ Longitude _____
DEG MIN SEC NORTH DEG MIN SEC WEST

LOCATION SKETCH

WEST EAST

905

AIRWAY RD

Shop
OTey Water Co.

SOUTH

Illustrate or Describe Distance of Well from Landmarks such as Roads, Buildings, Fences, Rivers, etc. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)

☒ NEW WELL

MODIFICATION/REPAIR

_____ Deepen

_____ Other (Specify)

DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")

PLANNED USE(S) (✓)

_____ MONITORING

WATER SUPPLY

_____ Domestic

_____ Public

_____ Irrigation

☒ Industrial

_____ "TEST WELL"

_____ CATHODIC PROTECTION

_____ OTHER (Specify)



00841001

DRILLING METHOD ROTARY MUD FLUID _____
WATER LEVEL & YIELD OF COMPLETED WELL
DEPTH OF STATIC WATER LEVEL 440' (Ft.) & DATE MEASURED 12-20-95
ESTIMATED YIELD 35 (GPM) & TEST TYPE AIR LIFT
TEST LENGTH 2 (Hrs.) TOTAL DRAWDOWN _____ (Ft.)
* May not be representative of a well's long-term yield.TOTAL DEPTH OF BORING 620 (Feet)
TOTAL DEPTH OF COMPLETED WELL 620 (Feet)

DEPTH FROM SURFACE			BORE-HOLE DIA. (Inches)	CASING(S)						DEPTH FROM SURFACE			ANNULAR MATERIAL						
				TYPE (✓)				MATERIAL / GRADE	INTERNAL DIAMETER (Inches)				GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)	TYPE				
FL.	to	FL		BLANK	SCREEN	JOINT	DUCTILE			FILL PIPE	CE- MENT (✓)	BEN- TONE (✓)			FILL (✓)	FILTER PACK (TYPE/SIZE)			
0	620		10"									0	50		X				
0	340			X				STEEL	5	134		50	620					278" 1/4"	
340	360			X				STEEL	5	134	.032								
360	440			X				"	"	"	"								
440	540			X				"	"	"	"								
540	620			X				"	"	"	"								

ATTACHMENTS (✓)

- Geologic Log
- Well Construction Diagram
- Geophysical Log(s)
- Soil/Water Chemical Analyses
- Other _____

ATTACH ADDITIONAL INFORMATION IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME SAM CRUM WATER WELL DRILLING, INC.
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)ADDRESS P.O. BOX 577 HEMET CA 92546-0577
CITY STATE ZIPSigned [Signature] DATE SIGNED 1-2-96 593583
WELL DRILLER AUTHORIZED REPRESENTATIVE C57 LICENSE NUMBER

MAP ID

13

ORIGINAL
File with DWR

Page 1 of 1

Owner's Well No. _____

No. 564919

Date Work Began 12-2-95 Ended 12-15-95

Local Permit Agency SAN DIEGO

Permit No. W623086

Permit Date 11-14-95

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

DWR USE ONLY - DO NOT FILL IN

STATE WELL NO. / STATION NO.	
LATITUDE	LONGITUDE
APN, TRS, OTHER	

GEOLOGIC LOG

ORIENTATION (✓) <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/> ANGLE _____ (SPECIFY)	
DEPTH TO FIRST WATER 450 (Ft.) BELOW SURFACE	
DEPTH FROM SURFACE Ft. to Ft.	DESCRIPTION Describe material, grain size, color, etc.
0 220	GRAY CLAY
220 240	LARGE COARSE SAND & GRAVEL
240 260	CLAY & GRAVEL
260 280	CLAY W/ COARSE SAND & GRAVEL
280 320	HARD PACKED SAND
320 340	CLAY W/ COARSE SAND & GRAVEL
340 520	CLAY W/ LITTLE SAND/ LITTLE WATER
520 600	RED CLAY
600 620	RED CLAY W/ SAND
620	STOP

WELL OWNER
Name OTEY WATER DISTRICT
Mailing Address 2554 SWEETWATER SPRINGS RD.
0 SPRING VALLEY, CA 91977-7299
CITY STATE ZIPWELL LOCATION
Address OFF HARVEST RD.
City OTEY
County SAN DIEGO
APN Book 646 Page 012 Parcel 22
Township 18S Range 1W Section 35
Latitude _____ Longitude _____
DEG MIN SEC NORTH DEG MIN SEC WEST

LOCATION SKETCH

WEST EAST

905

AIRWAY RD

Shop
OTey Water Co.

SOUTH

Illustrate or Describe Distance of Well from Landmarks such as Roads, Buildings, Fences, Rivers, etc. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)

☒ NEW WELL

MODIFICATION/REPAIR

_____ Deepen

_____ Other (Specify)

DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")

PLANNED USE(S) (✓)

_____ MONITORING

WATER SUPPLY

_____ Domestic

_____ Public

_____ Irrigation

☒ Industrial

_____ "TEST WELL"

_____ CATHODIC PROTECTION

_____ OTHER (Specify)



00841001

DRILLING METHOD ROTARY MUD FLUID _____
WATER LEVEL & YIELD OF COMPLETED WELL
DEPTH OF STATIC WATER LEVEL 440' (Ft.) & DATE MEASURED 12-20-95
ESTIMATED YIELD 35 (GPM) & TEST TYPE AIR LIFT
TEST LENGTH 2 (Hrs.) TOTAL DRAWDOWN _____ (Ft.)
* May not be representative of a well's long-term yield.TOTAL DEPTH OF BORING 620 (Feet)
TOTAL DEPTH OF COMPLETED WELL 620 (Feet)

DEPTH FROM SURFACE			BORE-HOLE DIA. (Inches)	CASING(S)						DEPTH FROM SURFACE			ANNULAR MATERIAL				
				TYPE (✓)				MATERIAL / GRADE	INTERNAL DIAMETER (Inches)				GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)	TYPE		
Ft.	to	Ft		BLANK	SCREEN	JOINT	DUCTILE			FILL PIPE	CE- MENT (✓)	BEN- TONE (✓)			FILL (✓)	FILTER PACK (TYPE/SIZE)	
0	620		10"									0	50	X			
0	340			X				STEEL	5	134		50	620			2 1/8" 1/4"	
340	360			X				STEEL	5	134	.032						
360	440			X				"	"	"	"						
440	540			X				"	"	"	"						
540	620			X				"	"	"	"						

ATTACHMENTS (✓)

- Geologic Log
- Well Construction Diagram
- Geophysical Log(s)
- Soil/Water Chemical Analyses
- Other _____

ATTACH ADDITIONAL INFORMATION IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME SAM CRUM WATER WELL DRILLING, INC.
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)ADDRESS P.O. BOX 577 HEMET CA 92546-0577
CITY STATE ZIPSigned [Signature] 1-2-96 593583
WELL DRILLER AUTHORIZED REPRESENTATIVE DATE SIGNED C57 LICENSE NUMBER

MAP ID
13

Drillers Logs Unavailable

DUPLICATE
File Original, Duplicate and Triplicate with the
DIVISION OF WATER RESOURCES
P. O. BOX 1079
SACRAMENTO 5, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES

SHEET 1

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

Do Not Fill In

State Well No. 185/1W 35K/

Other Well No. _____

Region 9

(1) Driller:

Name San Diego Pump & Well DrillersAddress 145 Brightwood St.Chula Vista, Calif.License No. 88485 Classification C57

(2) Proposed use or uses (check):

Domestic ☐Irrigation ☒

Domestic and

Irrigation ☐

Other _____

(3) Equipment used

(check):

Municipal ☐Industrial ☐Test well ☐Rotary ☐Cable ☒Dug well ☐

Other _____

Owner:

Name Fred W. StaffordAddress 640 5th Ave.Chula Vista, Calif.

(4) Type of work (check):

New well ☒Reconditioning of well ☐Deepening existing well ☐

(5) Well log:

Total depth of well 1042 ft.

Give details of formations penetrated, such as stone, hardpan, rock. Include size of gravel of material, structure (loose, packed, cemen

Depth From Ground Surface

ft.	to	ft.
0	244	
244	252	
252	316	
316	365	
365	400	
400	430	
430	595	
595	637	
637	648	
648	708	
708	750	
750	761	
761	850	
850	854	
854	926	
926	927	
927	954	
954	965	
965	983	
983	1009	
1009	1010	
1010	1019	
1019	1030	
1030	1039	
1039	1042	

Clay and sandstone
Small rock, sand clay, salty water
Clay and boulders
Clay and sandstone
Silty clay and seepage water
Gravel and clay
Clay and sandstone
Clay and pea gravel
Yellow and brown clay
Pink sandy clay
Loose sandstone
Hard sandstone
Loose sandstone with hard ledges 1" to 2"
Gravel and rock and sand (water test 470)
Black, gray, yellow silty clay
Hard sandstone
Black and gray sediment, gray clay stratas with small rocks
Olive green clay and sandy silt
Dark gray clay
Light gray clay with small rock and sand
Blue sandstone and green shale
Loose sandstone
Loose sandstone and small rock and sand (W test 447)
Light blue sandstone

CONFIDENTIAL - NOT
FOR PUBLIC RELEASE

MICROFILMED

If additional space is required, continue on DWR Form No. 246—Supplement, and attach to respective report copies.

(6) Casing left in well:

LENGTH FT.	DIAMETER INCHES	SINGLE, DOUBLE, WELDED, OTHER	LBS. PER FOOT OR PAGE OF CASING	SEATING BELOW GROUND SURFACE, FT.
446'7"	12"	Welded	1" wall	450
1041'9"	10"	"	1" wall	1040'9"

Type and size of shoe or well ring _____ Welded joints ☒ Yes ☐ No

12" x 12" x 7/8" and 10" x 10" x 3/4"

DUPLICATE
File Original, Duplicate and Triplicate with the
DIVISION OF WATER RESOURCES
P. O. BOX 1079
SACRAMENTO 5, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES

SHEET 1

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

Do Not Fill In

State Well No. 185/1W 35K/

Other Well No. _____

Region 9

(1) Driller:

Name San Diego Pump & Well DrillersAddress 145 Brightwood St.Chula Vista, Calif.License No. 88485 Classification C57

(2) Proposed use or uses (check):

Domestic ☐Irrigation ☒

Domestic and

Irrigation ☐

Other _____

(3) Equipment used

(check):

Municipal ☐Industrial ☐Test well ☐Rotary ☐Cable ☒Dug well ☐

Other _____

Owner:

Name Fred W. StaffordAddress 640 5th Ave.Chula Vista, Calif.

(4) Type of work (check):

New well ☒Reconditioning of well ☐Deepening existing well ☐

(5) Well log:

Total depth of well 1042 ft.

Give details of formations penetrated, such
stone, hardpan, rock. Include size of gravel
of material, structure (loose, packed, cemen

Depth From Ground Surface

ft.	to	ft.
0	244	
244	252	
252	316	
316	365	
365	400	
400	430	
430	595	
595	637	
637	648	
648	708	
708	750	
750	761	
761	850	
850	854	
854	926	
926	927	
927	954	
954	965	
965	983	
983	1009	
1009	1010	
1010	1019	
1019	1030	
1030	1039	
1039	1042	

Clay and sandstone
Small rock, sand clay, salty water
Clay and boulders
Clay and sandstone
Silty clay and seepage water
Gravel and clay
Clay and sandstone
Clay and pea gravel
Yellow and brown clay
Pink sandy clay
Loose sandstone
Hard sandstone
Loose sandstone with hard ledges 1" to 2"
Gravel and rock and sand (water test 470)
Black, gray, yellow silty clay
Hard sandstone
Black and gray sediment, gray clay stratas with
small rocks
Olive green clay and sandy silt
Dark gray clay
Light gray clay with small rock and sand
Blue sandstone and green shale
Loose sandstone
Loose sandstone and small rock and sand (W test 447)
Light blue sandstone



CONFIDENTIAL - NOT
FOR PUBLIC RELEASE

MICROFILMED

If additional space is required, continue on DWR Form No. 246—Supplement, and attach to respective report copies.

(6) Casing left in well:

LENGTH FT.	DIAMETER INCHES	SINGLE, DOUBLE, WELDED, OTHER	LBS. PER FOOT OR PAGE OF CASING	SEATING BELOW GROUND SURFACE, FT.
446' 7"	12"	Welded	1" wall	450
1041' 9"	10"	"	1" wall	1040' 9"

Type and size of shoe or well ring _____ Welded joints ☒ Yes ☐ No

12" x 12" x 7/8" and 10" x 10" x 3/4"

SHEET 2

(Sections 7076, 7077, 7078, Water Code)

Do Not Fill In
State Well No. 185/W 35K1
Other Well No. _____
Region 9

[illegible]

CONFIDENTIAL - NOT
FOR PUBLIC RELEASE

Depth at which water first encountered 244 ft.

Depth to water before perforating 471 ft.

Depth to water after perforating 456 ft.

Note any change in water level while drilling

VOS

Date of test _____ ft.
 Depth to water _____ ft.
 G.P.M. at _____
 00866002
 Drawdown from standing level _____ ft.
 G.P.M. at completion of test _____
 Drawdown at completion of test _____ ft.
 Length of time tested _____
 Temperature of water _____
 Was gas present in water? ☐ Yes ☐ No



Was well gravel packed? no 2 Size of rock _____ Thickness of pack _____
Was a surface sanitary seal provided? no _____
Were any strata sealed against pollution? ☒ Yes ☒ No If yes, attach detailed description. 2
Strata sealed _____
Was analysis made of water? ☒ Yes ☐ No If yes, attach copy. **see log attached**
Was electric log made of well? ☐ Yes ☒ No If yes, attach copy. _____
If well abandoned, was it plugged and sealed? _____
Method of plugging and sealing _____

North

		●	
		⊗	

Section No. 35
Township 18
Range 1 W
Base & Meridian S. E.
Show location of well in Section, thus (X)
Distances to section lines from well, N or S 1470 ft. and E or W 1470 ft.
Show location of nearest known well, thus (O)
Distance to nearest known well 2500 ft.

Work started date 6-14-51 Completed date 9-19-51
Date of this report 9-20-51

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

[SIGNED ~~San Diego Pump & Well Drillers~~

By L. C. Hood
License No. 88485 Classification C57
Dated September 20, 195

MAP ID

13



San Diego Pump & Well Drillers

STATE LICENSED DRILLING CONTRACTORS

2679 BUENA VISTA AVENUE
LEMON GROVE, CALIFORNIA

TELEPHONES:
M4-4830
H6-8789

S. W. N

185/1W-35K

Water test for Stafford well

Depth

852 Ft.
1030 "

Chloride

470 PPM
447 "

MICROFILMED



00866003

FIELD CHECK OF WELL LOCATION

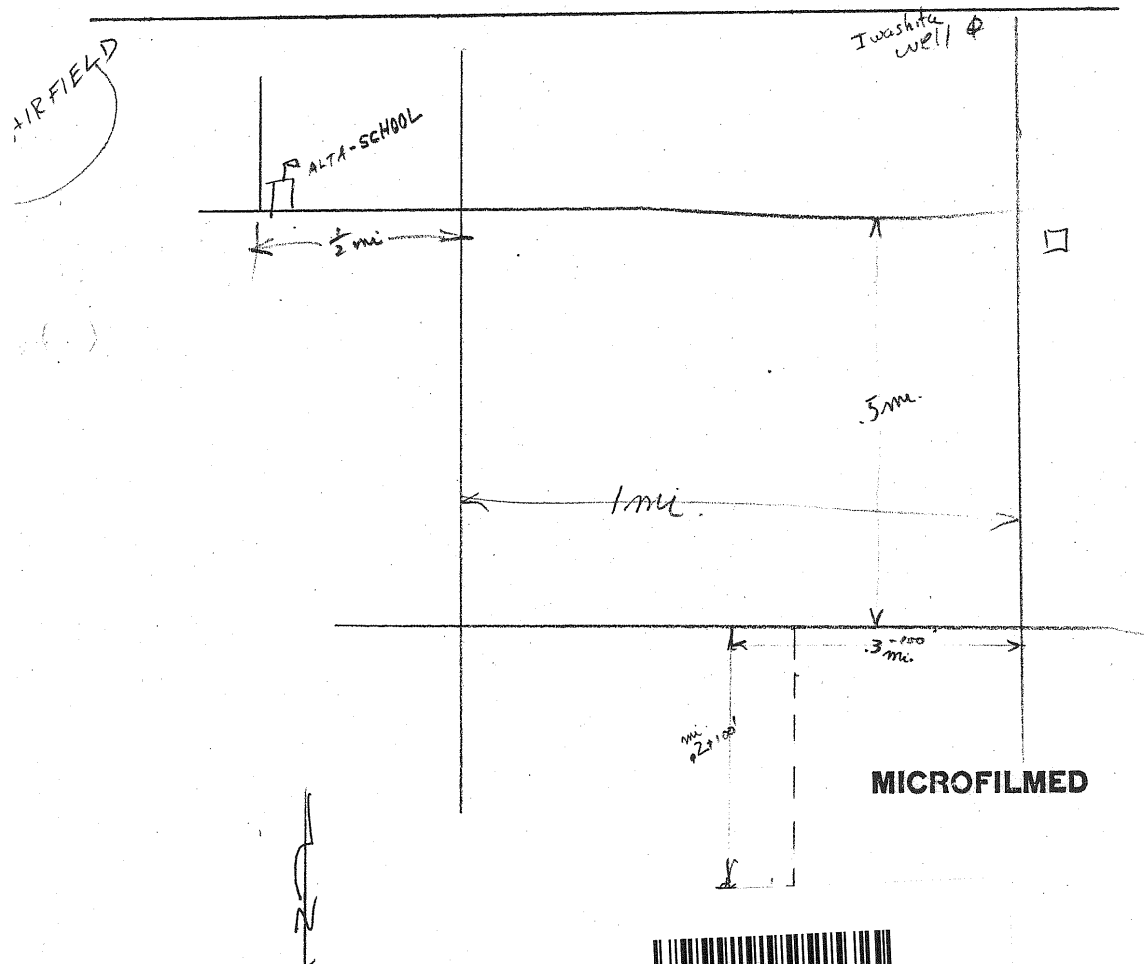
BRILLER SD. Pump & Well drillers.

CHECKED BY D. J. Leve.OWNER Fred W. STAFFORD.DATE 11/1/1951

MTP.

PUMP NO. B & J submersible - 256787 60 HP.METER NO. 200029.STATE WELL NO. 18S/1W 35K1

LOCATE WELL WITH REFERENCE TO ROADS AND ROAD INTERSECTIONS: ALSO INDICATE DISTANCES AND DIRECTIONS TO NEARBY CITIES OR TOWNS.



00866004

DUPLICATE

File Original, Duplicate and Triplicate with the
DIVISION OF WATER RESOURCES
P. O. BOX 1075
SACRAMENTO 5, CALIFORNIA

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS

DIVISION OF WATER RESOURCES

Do Not Fill In

State Well No. 185/1W-2901

Other Well No. _____

Region 9

(1) DRILLER: (person, firm, or corporation)

Name J. Bartlett Baker
Address 4026 Alabama St.
San Diego 4 Calif

OWNER:

Name Richard Takashima
Address Otay Calif

16553

(2) Proposed Use (Check)

Domestic ☐ Industrial ☐
2 Irrigation ☒ Test Well ☐
Municipal ☐ Other ☐

Equipment

Rotary ☐
Cable ☒
Dug Well ☐
Other ☐

(3) CASING:

880 ft. of 12 3/4 in. 43 lb./sq. casing 880 left in well

" 12 " " " " " " "

" " " " " " " "

" " " " " " " "

" " " " " " " "

Type and size of shoe or well ring

(4) PERFORATIONS:

Type of perforator used Mills

Perforated 700 ft. to 860 ft. holes per in.

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(8) LOCATION OF WELL:

County San DiegoR. F. D. or Street No. 1 1/2 Mile due west ofend of runway. Brown Air field.Otay Mesa. Otay Calif.

(9) WELL LOG

Total depth of well 880 ft.

Formation: Mention size of water gravel

0 ft. to 60 ft. top soil

60 " 80 " conglomerate & rock

80 " 150 " tan sand & clay

150 " 170 " grey clay

170 " 275 " bentonite

275 " 301 " tan sandy clay

301 " 380 " congl. rock

380 " 420 " clay & sand stone ledge

420 " 495 " sand stone imbed. rock

495 " 500 " bn. clay, pink streaks

500 " 548 " congl. rock

548 " 554 " tan sandy clay

554 " 559 " packed sand

559 " 563 " tan clay

563 " 663 " tan sand stone

663 " 676 " gravel & streaks clay

676 " 748 " tan sandy clay

748 " 762 " congl. rock

762 " 820 " blue grey clay

820 " 836 " coarse packed sand grey

836 " 838 " hard sand stone

838 " 860 " packed sand grey.

860 " 880 " grey shale.

MICROFILMED

FIELD LOCATED BY RFC DATE 10-7-53
PLOTTED & INDEXED BY DLE DATE 10-8-53
CONFIDENTIAL - NOT
FOR PUBLIC RELEASE

Work started Sept 14 19 52 Completed Feb 10 19 53Date of Report Feb 13 19 53

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

[SIGNED] J. Bartlett BakerBy J. Bartlett Baker Well DrillerLicense No. 129965 Classification C 57Dated Feb 13 19 53

46370 7-61 50M DUIN (1) SPD

DUPLICATE
File Original, Duplicate and Triplicate with the
DIVISION OF WATER RESOURCES
P. O. BOX 1079
SACRAMENTO 5, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES

SHEET 1

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

Do Not Fill In
State Well No. 185/1W 35H1
Other Well No. _____
Region 9

(1) Driller:

Name San Diego Pump & Well Drillers
Address 145 Brightwood St.
Chula Vista, Calif.
License No. 88485 Classification C 57

(2) Proposed use or uses (check):

Domestic ☐ Municipal ☐
Irrigation ☒ Industrial ☐
Domestic and Test well ☐
Irrigation ☐ Dug well ☒
Other _____ Other _____

(3) Equipment used**(check):**

Rotary ☐
Cable ☒
Dug well ☐
Other _____

Owner:

Name Kohl Brothers Ranch
Address P. O. Box 485
Chula Vista, Calif.

(4) Type of work (check):

New well ☒ Reconditioning of well ☐
Deepening existing well ☐

(5) Well log:Total depth of well 930 ft.

Give details of formations penetrated,
stone, hardpan, rock. Include size
of material, structure (loose, packed)

r, shale, sand-
coarse), color

Depth From Ground Surface

Depth From Ground Surface	ft. to	ft.	Formations
0	4	4	Top soil
4	40	40	Yellow sandstone
40	90	90	Pink, brown and gray, clay silt and soapstone
90	105	105	Pink shale
105	122	122	Light brown silt
122	133	133	Light brown soft sandstone
133	145	145	Brown silt
145	190	190	Gray, brown and pink shale
190	227	227	Brown sandstone
227	234	234	Bentonite
234	283	283	Rocks and yellow clay, water 240 to 253, salt
283	291	291	Gray clay and rocks
291	323	323	Light brown shale
323	365	365	Red, gray and brown clay
365	394	394	Gray and brown shale
394	403	403	Rocks, coarse sand, gray clay, no water
403	420	420	Sticky gray clay
420	443	443	Gray shale
443	451	451	Coarse sand, some clay, water
451	464	464	Gray clay, some fine sand, no water
464	476	476	Soft gray sandstone, water
476	518	518	Light brown sticky clay
518	553	553	Gray clay, coarse sand, few small rocks, water
553	571	571	Yellow clay and rocks
571	588	588	Gray green clay, small rocks



00865001

**CONFIDENTIAL - NOT
FOR PUBLIC RELEASE**

MICROFILMED

If additional space is required, continue on DWR Form No. 246—Supplement, and attach to respective report copies.

(6) Casing left in well:

LENGTH FT.	DIAMETER INCHES	SINGLE, DOUBLE, WELDED, OTHER	LBS. PER FOOT OR GAGE OF CASING	SEATING BELOW GROUND SURFACE, FT.
850	12-3/4"	welded	1" wall	350
			X-X-250	

Type and size of shoe or well ring _____ Welded joints ☒ Yes ☐ No

12" x 12" x 7/8"

DUPLICATE
File Original, Duplicate and Triplicate with the
DIVISION OF WATER RESOURCES
P. O. BOX 1079
SACRAMENTO 5, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES

SHEET 1

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

Do Not Fill In
State Well No. 185/1W 35H1
Other Well No. _____
Region 9

(1) Driller:

Name San Diego Pump & Well Drillers
Address 145 Brightwood St.
Chula Vista, Calif.
License No. 88485 Classification C 57

(2) Proposed use or uses (check): (3) Equipment used

Domestic ☐ Municipal ☐ (check):
Irrigation ☒ Industrial ☐ Rotary ☐
Domestic and Test well ☐ Cable ☒
Irrigation ☐ Dug well ☒
Other _____ Other _____

Owner:

Name Kohl Brothers Ranch
Address P. O. Box 485
Chula Vista, Calif.

(4) Type of work (check):

New well ☒ Reconditioning of well ☐
Deepening existing well ☐

(5) Well log:

Total depth of well 930 ft.

Give details of formations penetrated,
stone, hardpan, rock. Include size
of material, structure (loose, packed)

r, shale, sand-
coarse), color

Depth From Ground Surface

Depth From Ground Surface	ft. to	ft.	Formations
0	4	4	Top soil
4	40	40	Yellow sandstone
40	90	90	Pink, brown and gray, clay silt and soapstone
90	105	105	Pink shale
105	122	122	Light brown silt
122	133	133	Light brown soft sandstone
133	145	145	Brown silt
145	190	190	Gray, brown and pink shale
190	227	227	Brown sandstone
227	234	234	Bentonite
234	283	283	Rocks and yellow clay, water 240 to 253, salt
283	291	291	Gray clay and rocks
291	328	328	Light brown shale
328	365	365	Red, gray and brown clay
365	394	394	Gray and brown shale
394	403	403	Rocks, coarse sand, gray clay, no water
403	420	420	Sticky gray clay
420	443	443	Gray shale
443	451	451	Coarse sand, some clay, water
451	464	464	Gray clay, some fine sand, no water
464	476	476	Soft gray sandstone, water
476	518	518	Light brown sticky clay
518	553	553	Gray clay, coarse sand, few small rocks, water
553	571	571	Yellow clay and rocks
571	588	588	Gray green clay, small rocks



00865001

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If additional space is required, continue on DWR Form No. 246—Supplement, and attach to respective report copies.

(6) Casing left in well:

LENGTH FT.	DIAMETER INCHES	SINGLE, DOUBLE, WELDED, OTHER	LBS. PER FOOT OR GAGE OF CASING	SEATING BELOW GROUND SURFACE, FT.
850	12-3/4"	welded	1" wall	350
			X-X-250	

Type and size of shoe or well ring _____ Welded joints ☒ Yes ☐ No

12" x 12" x 7/8"

SUPPLEMENTAL SHEET

(Sections 7076, 7077, 7078, Water Code)

Do Not Fill In

State Well No. 185/1W 35H1

Other Well No.

Region 9

(5) Well log (continued):

Total depth of well 930 ft.

Give details of formations penetrated, such as silt, peat, muck, sand, gravel, clay, shale, sandstone, hardpan, rock. Include size of gravel (diameter) and sand (fine, medium, coarse), color of material, structure (loose, packed, cemented, soft, hard, brittle).

Depth From Ground Surface

588	ft. to	610	ft.	Soft light brown sandstone, water
610	" "	618	" "	Sticky brown clay
618	" "	634	" "	Soft brown sandstone, water
634	" "	639	" "	Coarse sand, little clay, water
639	" "	645	" "	Sticky shale
645	" "	661	" "	Brown sticky clay
661	" "	705	" "	Shale, sandstone, coarse sand, water
705	" "	715	" "	Gray sandy silt, few small rocks
715	" "	732	" "	Coarse gray sand, little clay, water
732	" "	739	" "	Coarse yellow sand, water
739	" "	749	" "	Soft gray sandstone, water
749	" "	755	" "	Yellow silty sand, water
755	" "	757	" "	Soft gray sandstone, water
757	" "	770	" "	Fine gray sand, water
770	" "	791	" "	Yellow silt, solid, no water
791	" "	810	" "	Soft gray silt
810	" "	818	" "	Gray sand, solid, water
818	" "	821	" "	Sand and gravel 1 inch to 1½ inch, water
821	" "	845	" "	Soft gray sandstone, water
845	" "	853	" "	Soft yellow sandstone, few small rocks, water
853	" "	865	" "	Gray sandstone, water
865	" "	910	" "	Soft yellow sandstone, few small rocks, water
910	" "	916	" "	Rocks and coarse sand, solid, water
916	" "	930	" "	Gray sandstone

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FOR PUBLIC RELEASE**

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00865002

If additional space is required continue on DWR Form No. 246—Supplement, and attach to respective report copies.

P. O. BOX 1079
SACRAMENTO 5, CALIFORNIA

SHEET 2

(Sections 7076, 7077, 7078, Water Code)

State Well No. 185/1W 35H
Other Well No. _____
Region 9

(7) **Perforations:**

[illegible]

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FOR PUBLIC RELEASE

(8) Water levels:

Depth at which water first encountered 240 ft.

Depth to water before perforating 467 ft.

Depth to water after perforating 467 ft.

Note any change in water level while drilling
yes

(9) Well pumping test:

Date of test 9-14-51 By whom Owner
 Depth to water when test started _____ ft.
 G.P.M. at beginning of test Approx. 100 Gal.
 Drawdown from standing level _____ ft.
 G.P.M. at completion of test Approx. 300 Gal.
 Drawdown at completion of test 520 ft.
 Length of time tested _____
 Temperature of water _____
 Was gas present in water? ☐ Yes ☒ No

(10) General:

Was well gravel packed? no 2 Size of rock _____ Thickness of pack _____
 Was a surface sanitary seal provided? no 2 _____
 Were any strata sealed against pollution? ☐ Yes ☒ No If yes, attach detailed description: 2 _____
 Strata sealed _____
 Was analysis made of water? ☒ Yes ☐ No If yes, attach copy. _____
 Was electric log made of well? ☐ Yes ☒ No If yes, attach copy. _____
 If well abandoned, was it plugged and sealed? _____
 Method of plugging and sealing _____

MICROFILMED

(11) Location:

North

		0	1

1 MILE

Section No. 35
Township 18
Range R 1 W
Base & Meridian S. B.
Show location of well in Section, thus (X)
Distances to section lines from well, N 2000 ft. and E 300 ft.
Show location of nearest known well, thus (O)
Distance to nearest known well 1300 ft.

(12) Time or work: 00

Work started date 6-4-51 Completed date 8-16-51
Date of this report Sept. 20, 1951

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

[SIGNED] San Diego Pump & Well Drillers

By J. L. Hood

License No. 88485 Classification C57

Dated Sept 20, 1951

**San Diego Pump & Well Drillers**

STATE LICENSED DRILLING CONTRACTORS

145 Brightwood St.

~~2872 BURNHAM AVE~~~~1450 GROVE CIRCLE~~

Chula Vista, Calif.

TELEPHONES:

M4-4830
H6-8789*S.W.W.**185/1W 35H1***Water test for Roll well**

Depth		Chloride test
475	Ft.	679 PPM
550	"	1100 "
575	"	1520 PPM
590	"	1415 PPM
608	"	1445 "
640	"	1575 "
700	"	1225 "
736	"	762 "

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00865004

FORM 117

SHEET 1

INVESTIGATION

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

STATE NUMBER

DIVISION OF WATER RESOURCES

LOCATION NO.

LOG AVAILABLE

WELL RECORDS

LOCAL DESIGNATION

WATER ANALYSIS

LOCATION: TOWN Day Mesa COUNTY San Diego
chlorides as high as 1520 ppm — see
DETAIL LOCATION file room

1/4. 1/4. SEC. T. R. S. & M.

OWNER Rail Bros. Ranch, P.O. Box 455, Chula Vista, CalifUSE Irr

DOMESTIC — IRRIGATION — MUNICIPAL — INDUSTRIAL — TEST — NOT USED — ABANDONED — GIVE DATES

DRILLED BY S.D. Pump and Well Drilling Assoc DATE COMPLETED 8-16-51ELEV. GROUND SURFACE 720-755 DEPTH 930' PIT 12 3/4" CASING 850'PERFORATIONS 775-785CAPACITY 300 G.P.M. 8-14-51 DATE

SOURCE OF INFORMATION

DESCRIPTION OF REFERENCE POINT



00865005

R. P. ELEV. FROM LEVELS BY FT. ABOVE BELOW G.S.

DATE	OBTAINED FROM	DIST. R. P. TO WATER	ELEVATION OF WATER	REMARKS
0	4	Top	Soil	
4	40		Yellow sandstone	
40	90		Pink, brown and gray, clay silt and sand	
90	105		Pink shale	
105	122		Light brown silt	
122	133		Light brown, soft sand	
133	145		Brown silt	
145	190		Gray, brown and pink shale	
190	227		Brown sandstone	
227	334		Bentonite	
234	283		Rocks and yellow clay	water 240' to 255' (cont)
283	291		Gray clay & rocks	
291	308		Light brown shale	
308	365		Red, gray, and brown clay	
365	394		Gray and brown shale	
394	403		Rocks, coarse sand, gray clay, no water	
403	420		Sticky gray clay	
420	443		Gray shale	
443	451		Coarse sand, same clay, water	
451	464		Gray clay, same fine sand, no water	
464	476		Soft gray sandstone, water	

RECORD COPIED BY

DATE

AR007 7-81 GM (D) SPD

INVESTIGATION

DIVISION OF WATER RESOURCES

SHEET _____

DEPARTMENT OF PUBLIC WORKS
STATE OF CALIFORNIA

NUMBER

WELL LOG

LOCAL DESIGNATION

DEPTH	ELEVATION OF BOTTOM OF STRATUM	MATERIAL	THICKNESS FEET	% VOIDS	ABSOLUTE VOIDS FEET	TOTAL VOIDS FEET
476	518	Light brown sticky clay				
518	553	Gray clay, coarse sand, few small rocks, water				
553	571	Yellow clay and rock				
571	588	Gray green clay, small rocks				
588	610	Soft light brown sandstone, water				
610	618	Sticky brown clay				
618	634	Soft brown sandstone, water				
634	639	coarse sand, little clay, water				
639	645	Sticky shale				
645	661	Brown sticky clay				
661	705	Shale sandstone, coarse sand, water				
705	715	Gray sandy silt, few small rocks				
715	732	Coarse gray sand, little clay, water				
732	739	Coarse yellow sand, water				
739	749	Soft gray sandstone, water				
749	755	Yellow silty sand, water				
755	757	Soft gray sandstone, water				
757	770	Fine gray sand, water				
770	791	Yellow silt, solid, no water				
791	810	Soft gray silt				
810	818	Gray sand, solid, water				
818	821	Sand and gravel, 1" to 1 1/2 inch - water				
821	845	Soft gray sandstone, water				
845	853	Soft yellow sandstone, few small rocks, water				
853	885	Gray sandstone, water				
885	910	Soft yellow sandstone, few small rocks, water				
910	918	Rocks and coarse sand, solid, water				
918	930	Gray sandstone				

FOR FIELD COPIES USE ALTERNATE LINES

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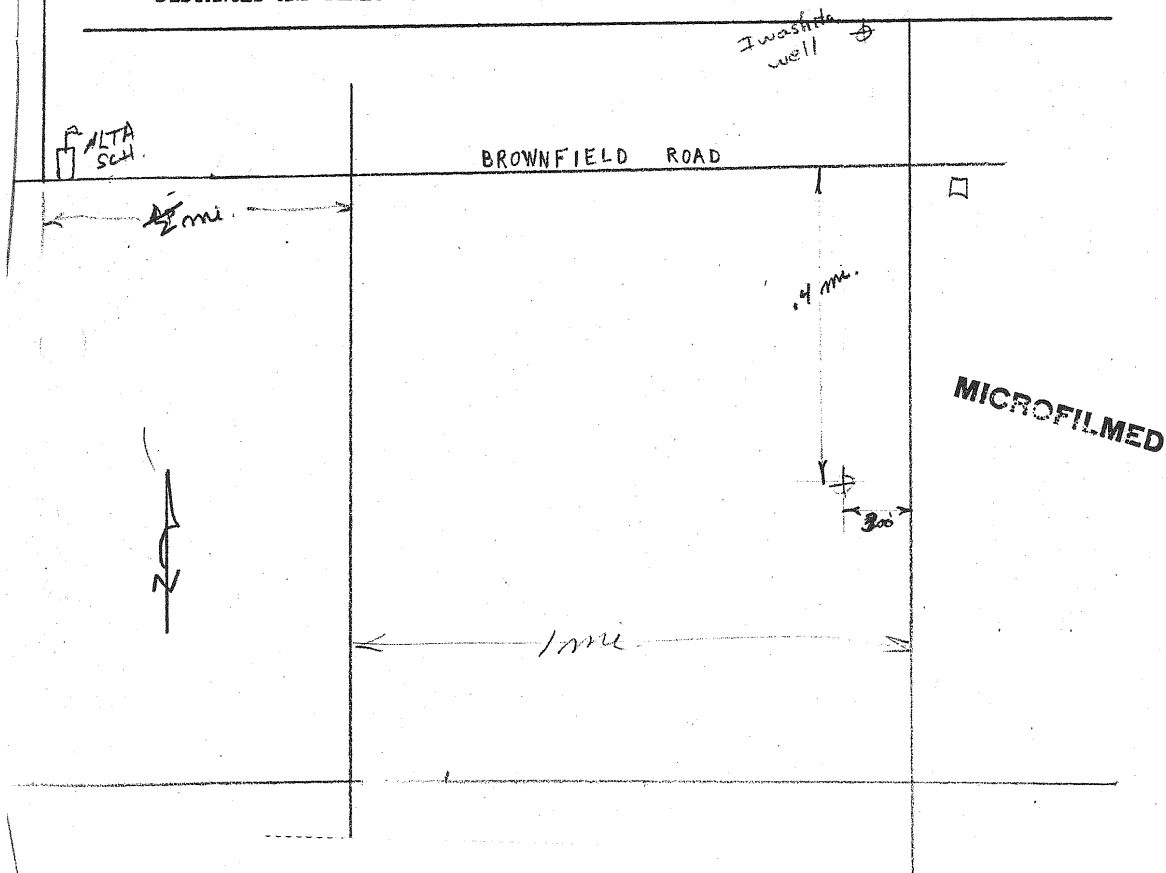
00865006

FIELD CHECK OF WELL LOCATION

BRILLER S.D. Pump & Well Drillers

CHECKED BY S. J. LeveOWNER Robt Bros RanchDATE 11/1 1951PUMP NO. B#J Submersible 60 HP # 252994METER NO. 220648STATE WELL NO. 185/1W 35 H1

LOCATE WELL WITH REFERENCE TO ROADS AND ROAD INTERSECTIONS: ALSO INDICATE DISTANCES AND DIRECTIONS TO NEARBY CITIES OR TOWNS.



00865007

Safford well

damet

ORIGINAL

File with DWR

STATE OF CALIFORNIA

THE RESOURCES AGENCY

DEPARTMENT OF WATER RESOURCES

WATER WELL DRILLERS REPORT

Do not fill in

No. 159096

Notice of Intent No. 227152

Local Permit No. or Date W30236

State Well No. _____

Other Well No. _____

18S, 1W-20

(1) OWNER: Name United Enterprises, Inc.Address 1007 5th St.City San Diego, Calif. Zip 92101

(2) LOCATION OF WELL (See instructions):

County San Diego Owner's Well Number #1Well address if different from above Otay Valley RoadTownship 20 18S Range 1W Section 20 017

Distance from cities, roads, railroads, fences, etc. _____

(12) WELL LOG: Total depth 115 ft. Depth of completed well 115 ft.
from ft. to ft. Formation (Describe by color, character, size or material)0 - 25 silty sand, fine to med, tan
brown, moist

25 - 30 sand, fine to med, tan, moist

30 - 46 sandy silt, tan brown, moist,

cohesive

46 - 49 silty clay, firm, brown w/some

fine sand

49 - 53 sandy silt

53 - 56 silty clay

56 - 62 sand

62 - 97 sandy silty clay

97 - 115 sand, fine to coarse, brown

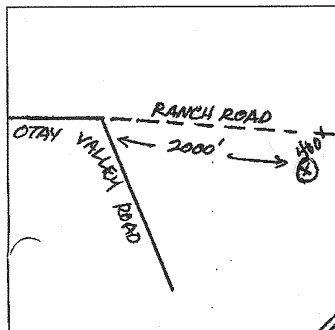
(3) TYPE OF WORK:

New Well ☒ Deepening ☐Reconstruction ☐Reconditioning ☐Horizontal Well ☐Destruction ☐ (Describe

destruction materials and

procedures in Item 12)

(4) PROPOSED USE:

Domestic ☐Irrigation ☐Industrial ☐Test Well ☐Stock ☐Municipal ☐Other ☐ Peizometer

WELL LOCATION SKETCH

(5) EQUIPMENT:

Rotary ☒Reverse ☐Cable ☐Air ☒Other ☐Bucket ☐

(7) CASING INSTALLED:

Steel ☐Plastic ☒Concrete ☐

(6) GRAVEL PACK: Loose Star

Reverse ☐ No ☒ Size 1/2"Diameter of bore 6 1/8"Packed from 0 to 115 ft.

(8) PERFORATIONS:

Type of perforation or size of screen

From

ft.

To

ft.

Dia.

in.

Casing

Wall

From

ft.

To

ft.

Slot

size

0

95

2

sh40

95

115

.02

0

54

2

sh40

54

.02

0

38

2

sh40

18

.02

(9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 15 ft.Were strata sealed against pollution? Yes ☒ No ☐ Interval _____ ft.Method of sealing bentonite & cement

(10) WATER LEVELS:

Depth of first water, if known 8 ft.

Standing level after well completion _____ ft.

(11) WELL TESTS:

Was well test made? Yes ☐ No ☒ If yes, by whom? _____

Type of test _____

Pump ☐ Bailor ☐ Air lift ☐

_____ h to water at start of test _____ ft.

_____ gal/min after _____ hours

Water temperature _____

Chemical analysis made? Yes ☐ No ☐ If yes, by whom? _____Was electric log made? Yes ☐ No ☐ If yes, attach copy to this reportWork started 2/18 19 87 Completed 2/26 19 87

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

SIGNED

John J. Keefe

(Well Driller)

NAME

Multi Water Systems

(Person, firm, or corporation) (Typed or printed)

Address

Rt. 1 Box 66

City

Escondido, Calif.

Zip

92025

License No.

355283 C-57

Date of this report

6/16/87

DWR 188 (REV. 7-76) IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM



00834001

ORIGINAL

File with DWR

STATE OF CALIFORNIA

THE RESOURCES AGENCY

DEPARTMENT OF WATER RESOURCES

WATER WELL DRILLERS REPORT

Do not fill in

No. 159096

Notice of Intent No. 227152

Local Permit No. or Date W30236

State Well No. _____

Other Well No. _____

18S, 1W-20

(1) OWNER: Name United Enterprises, Inc.Address 1007 5th St.City San Diego, Calif. Zip 92101

(2) LOCATION OF WELL (See instructions):

County San Diego Owner's Well Number #1Well address if different from above Otay Valley RoadTownship 20 18S Range 1W Section 20 017

Distance from cities, roads, railroads, fences, etc. _____

(12) WELL LOG: Total depth 115 ft. Depth of completed well 115 ft.
from ft. to ft. Formation (Describe by color, character, size or material)0 - 25 silty sand, fine to med, tan
brown, moist

25 - 30 sand, fine to med, tan, moist

30 - 46 sandy silt, tan brown, moist,

cohesive

46 - 49 silty clay, firm, brown w/some

fine sand

49 - 53 sandy silt

53 - 56 silty clay

56 - 62 sand

62 - 97 sandy silty clay

97 - 115 sand, fine to coarse, brown

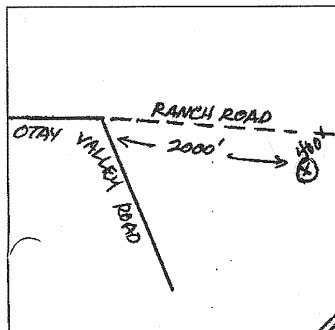
(3) TYPE OF WORK:

New Well ☒ Deepening ☐Reconstruction ☐Reconditioning ☐Horizontal Well ☐Destruction ☐ (Describe

destruction materials and

procedures in Item 12)

(4) PROPOSED USE:

Domestic ☐Irrigation ☐Industrial ☐Test Well ☐Stock ☐Municipal ☐Other ☐ Peizometer

WELL LOCATION SKETCH

(5) EQUIPMENT:

Rotary ☒Reverse ☐Cable ☐Air ☒Other ☐Bucket ☐

(7) CASING INSTALLED:

Steel ☐Plastic ☒Concrete ☐

(6) GRAVEL PACK: Loose Star

Yes ☒ No ☐ Size 1/2"Diameter of bore 6 1/8"Packed from 0 to 115 ft.

(8) PERFORATIONS:

Type of perforation or size of screen

From

ft.

To

ft.

Dia.

in.

Casing

Wall

From

ft.

To

ft.

Slot

size

0

95

2

sh40

95

115

.02

0

54

2

sh40

54

.02

0

38

2

sh40

18

.02

(9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 15 ft.Were strata sealed against pollution? Yes ☒ No ☐ Interval _____ ft.Method of sealing bentonite & cement

(10) WATER LEVELS:

Depth of first water, if known 8 ft.

Standing level after well completion _____ ft.

(11) WELL TESTS:

Was well test made? Yes ☐ No ☒ If yes, by whom? _____

Type of test _____

Pump ☐ Bailor ☐ Air lift ☐

In to water at start of test _____ ft.

At end of test _____ ft.

Discharge _____ gal/min after _____ hours

Water temperature _____

Chemical analysis made? Yes ☐ No ☐ If yes, by whom? _____Was electric log made? Yes ☐ No ☐ If yes, attach copy to this reportWork started 2/18 19 87 Completed 2/26 19 87

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

SIGNED

(Well Driller)

NAME

Multi Water Systems

Address

Rt. 1 Box 66

City

Escondido, Calif.

License No.

355283 C-57

Date of this report

6/16/87

DWR 188 (REV. 7-76)

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM



00834001

00858001

STATE OF CALIFORNIA

State Well No. 185/1W-32 C1
Other Well No. PLD.

Name	Ray Carvajal
Address	2907 Coronado Avenue
	Nestor, California

(2) LOCATION OF WELL: 16645
County San Diego Owner's number, if any—
R. F. D. or Street No. Otay Mesa

~~CONFIDENTIAL - NOT FOR PUBLIC RELEASE~~

New well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 11.

Domestic ☐ Industrial ☐ Municipal ☐ Rotary ☐
Irrigation ☒ Test Well ☐ Other ☐ Cable ☒
Dug Well ☐

SINGLE ☐ DOUBLE ☒ **X-X-25**
 From **0** ft. to **849** ft. **12-3/4** **250**
849 " **1103** **10-3/4** **250**

Diameter of Bore	from ft.	to ft.
	.01	.06
	.02	.07
	.03	.08
	.04	.09
	.05	.10

Type and size of shoe or well ring 10" & 12" Baker Size of gravel:
Describe joint Welded

Type of perforator used		Mills		in. length, by		Rows per ft	
Size	of perforations						
From	ft. to	ft.		Perf. per row			
540	615	8	8	1			
760	840	8	8	1			

Was a surface sanitary seal provided? ☐ Yes ☒ No To what depth 2 ft.

Were any strata sealed against pollution? ☐ Yes ☒ No If yes, note depth of strata 2

From _____ ft. to _____ ft.

Method of Sealing _____

Depth at which water was first found	347	ft
Standing level before perforating	472	ft
ing level after perforating	473	ft

Was a pump test made? ☐ Yes ☒ No If yes, by whom?
Yield: 100 gal./min. with 10 ft. draw down after 10 hrs.
Temperature of water _____ Was a chemical analysis made? ☒ Yes ☐ No
Was electric log made of well? ☐ Yes ☐ No

Total depth	1210	ft.	Depth of completed well	1210	ft.
-------------	------	-----	-------------------------	------	-----

Formation. Describe by colors, characters, strata, material, and structure		Elevation		Distance		Remarks	
ft.	to	ft.	to	ft.	to	ft.	to
0		2		Surface formation			
4		7		Hard Pan			
7		9		Clay & sand			
9		65		Clay & large boulders +			
65		135		Yellow Sandy silt			
135		210		Yellow sandy clay			
210		250		Gray " " #			
250		255		Hard sandstone ledge			
255		280		Gray sandy clay			
280		285		Hard sandstone ledge #			
285		290		Gray sandy clay			
290		295		Yellow sandy clay			
295		300		Yellow sandstone clay			
300		304		Sandstone ledge			
304		308		Hard rock ledge			
305		310		Yellow sandy clay			
310		315		Hard sandy ledge			
315		320		Gray sandstone & clay			
320		330		Dry hard sand #			
330		332		Yellow clay & sand			
332		337		Yellow sandstone & sand			
337		345		Yellow clay & hard sand			
345		347		Soft yellow clay & water			
347		350		Hard rocky ledge			
350		355		Gray sandy clay & water			
355		365		Gray sandy clay			
365		375		Soft muddy clay			
375		405		Fine sand			
405		420		Gray clay & boulders			
420		430		Hard sand, rock & clay			
430		435		Yellow sandy clay			
435		460		Pinkish gray mud			
460		490		Yellow sandy clay			
490		492		Hard rocky ledge			
492		500		Fine sand & clay			
500		510		Sandstone			
510		517		Fine gray sand & clay			
517		525		Gray clay & sand			
525		543		Yellow mud, some clay			
543		544		Black sandy silt			
544		547		Brown sandy silt			
547		553		Black sandy silt			
553		563		Gray sandstone			

Work started 1/28/55
19
Completed 6/2/55
19

This well was drilled under my jurisdiction and this is true to the best of my knowledge and belief.

Address P.O. Box 438 Chula Vista, Calif.

[SIGNED] _____
Well Drilled

License No. 99405 Dated 16/29, 1953

95689 3-54 50M QUIN (R) SPO

QUINTuplicate
Retain This Copy
DIVISION OF WATER RESOURCES
P. O. Box 1079
SACRAMENTO 5, CALIFORNIA

SUPPLEMENTAL SHEET

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

Do Not Fill In

State Well No.

Other Well No.

Region.

(5) Well log (continued)

Total depth of well 1212 ft.

Give details of formations penetrated, such as silt, peat, muck, sand, gravel, clay, shale, sandstone, hardpan, rock. Include size of gravel (diameter) and sand (fine, medium, coarse), color of material, structure (loose, packed, cemented, soft, hard, brittle).

Depth From Ground Surface

563	ft. to	574	ft.	Hard sandstone and clay
574	" "	600	" "	Gray sand and clay
600	" "	610	" "	White soft sand rock
610	" "	612	" "	Gray sandstone and clay
612	" "	613	" "	Hard sandstone ledge
613	" "	617	" "	Gray sandy silt, some clay
617	" "	647	" "	Fine gray sand and clay
647	" "	670	" "	Sandstone, some clay
670	" "	679	" "	Sandstone, clay and some gravel
679	" "	684	" "	Fine sandstone and clay
684	" "	700	" "	Coarse gravel and clay
700	" "	730	" "	Soft sandstone with streaks of clay
730	" "	733	" "	Boulders and clay
733	" "	739	" "	Yellow clay and gravel
739	" "	741	" "	Yellow clay and boulders
741	" "	747	" "	Gray sticky clay and gravel
747	" "	750	" "	Hard rocky ledge
750	" "	767	" "	Light gray sticky clay
767	" "	769	" "	Fine sand and clay
769	" "	790	" "	Sticky sand and clay
790	" "	800	" "	Blue sandy clay
800	" "	804	" "	Dark gray sandy clay
804	" "	837	" "	Gray sandy clay
837	" "	849	" "	Blue sandy clay
849	" "	865	" "	Gray fine sand. Changed to 10-3/4" casing at 849"
865	" "	877	" "	Gray sandstone w/ streaks of clay
877	" "	886	" "	Dark gray sandy silt
886	" "	891	" "	Hard slate ledge
891	" "	894	" "	Dark gray sandy silt w/ hard slate ledges
894	" "	912	" "	Dark gray sandy silt w. hard slate ledges
912	" "	938	" "	Dark gray sandy silt
938	" "	999	" "	Dark gray sandy silt w/ sandstone ledges
999	" "	1004	" "	Hard sandstone ledge
1004	" "	1020	" "	Sandy silt
1020	" "	1022	" "	Hard sandstone ledge
1022	" "	1023	" "	Dark gray sandy silt
1023	" "	1025	" "	Hard sandstone ledge
1025	" "	1085	" "	Sandstone ledges & dark brown sandy silt very sticky
1085	" "	1089	" "	Hard sandrock
1089	" "	1097	" "	Sticky black shale
1097	" "	1196	" "	Soft sand rock
1196	" "	1197	" "	Hard slate rock
1197	" "	1200	" "	Medium fine sand
1200	" "	1212	" "	Brown shale

CONFIDENTIAL - NOT
FOR PUBLIC RELEASE

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If additional space is required continue on DWR Form No. 246—Supplement, and attach to respective report copies.

**SAN DIEGO PUMP & WELL DRILLERS**

STATE LICENSED DRILLING CONTRACTORS

PUMP SALES AND SERVICE

POST OFFICE BOX 438

CHULA VISTA, CALIFORNIA

TELEPHONE:
GARfield 2-3778

Water test on Ray Carvajal well Otay Mesa

505'	865'	PPM
597	650	"
660	1058	"
710	935	"
771	605	"
830	715	"
875	1255	"
1014	1320	"
1085	1640	"
1180	1380	"
1200	1010	"

MICROFILMED

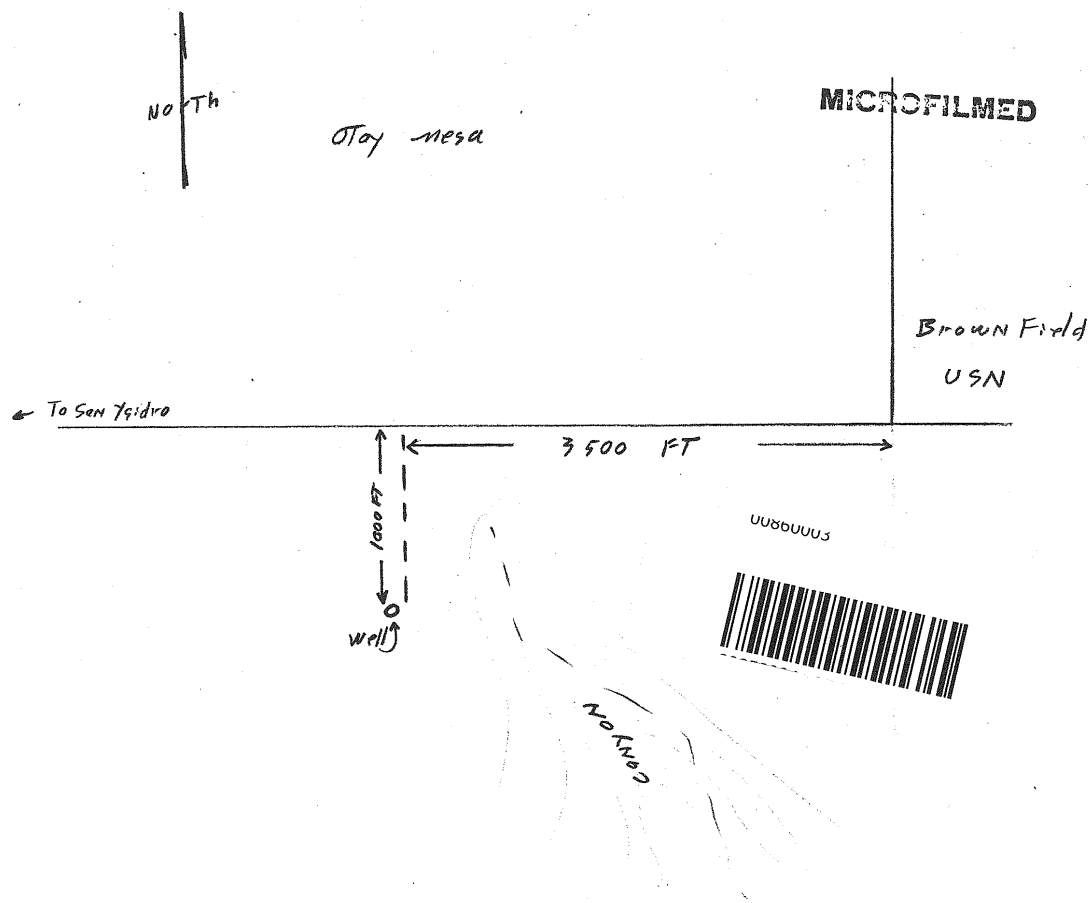
00000002



FIELD CHECK OF WELL LOCATION

DRILLER San Diego Pump & Well DrillersCHECKED BY J. CalhounOWNER Ray CarvajalDATE 5-5, 1958.PUMP: MAKE Byron Jackson; SERIAL NO. 312312MOTOR: MAKE Byron Jackson; NO. Submersible HP 75METER NO. 222931STATE WELL NO. 185/1W-3261

LOCATE WELL WITH REFERENCE TO ROADS AND ROAD INTERSECTIONS: ALSO INDICATE DISTANCES AND DIRECTIONS TO NEARBY CITIES OR TOWNS.



DUPLICATE
File Original, Duplicate and Triplicate with the
REGIONAL WATER POLLUTION
CONTROL BOARD No. 9
(at appropriate number)

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA

Do Not Fill In

No. 28837

State Well No. 185/1W-32D1

Other Well No.

(1) OWNER:

Name Ray CarvajalAddress P.O. Box 92Neeter, California

(2) LOCATION OF WELL:

County _____ Owner's number, if any—

R. F. D. or Street No.

660' S/O NE cor NW 1/4, NW 1/4, Sec 32,
T 18 S, R 1 W

(3) TYPE OF WORK (check):

New well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐Irrigation ☒ Test Well ☐ Other ☐

(5) EQUIPMENT:

Rotary ☐Cable ☐Dug Well ☒

(6) CASING INSTALLED:

SINGLE ☒ DOUBLE ☐

From ft. to ft. Diam.

" 0 " 1,165 " 12 " 1 1/4 "

If gravel packed

Diameter of Bore from ft. to ft.

Type and size of shoe or well

Describe joint

(7) PERFORATIONS

Type of perforator used 00859001

Size of perforations 2-1/2 in., length, by 1/4 in.

From 590 to 600 ft. 8 Perf. per row 1 Rows per ft.

" 600 780 " 8 " " " 1 " 2 "

" 780 783 " 8 " " " 1 " 2 "

" 783 848 " 8 " " " 1 " 2 "

" 848 1165 " 8 " " " 1 " 3 "

(8) CONSTRUCTION:

Was a surface sanitary seal provided? ☐ Yes ☒ No To what depth ft.Were any strata sealed against pollution? ☐ Yes ☐ No If yes, note depth of strata

From ft. to ft.

Method of Sealing

(9) WATER LEVELS:

Depth at which water was first found 360 ft.

Standing level before perforating 606 ft.

Standing level after perforating

(10) WELL TESTS:

Was a pump test made? ☐ Yes ☐ No If yes, by whom?

Yield: gal./min. with ft. draw down after hrs.

Temperature of water Was a chemical analysis made? ☐ Yes ☐ NoWas electric log made of well? ☐ Yes ☒ No

(11) WELL LOG:

Total depth 1,165 ft. Depth of completed well 1,165 ft.

Formation: Describe by color, character, size of material, and structure.

0 ft. to	5 ft.	Black top soil
5 "	48 "	Rock & clay
48 "	95 "	Yellow sandy clay
95 "	113 "	Gray clay & rocks
113 "	240 "	Gray clay
240 "	247 "	Bentonite
247 "	373 "	Gray sand stone
373 "	436 "	Dark gray & small gravel
436 "	446 "	Brown sandy clay & rocks
446 "	458 "	Brown clay
458 "	477 "	Red schale
477 "	489 "	Lt. Gray sand
489 "	504 "	Brown sticky clay
504 "	509 "	Lt. Gray sand
509 "	514 "	Dark Gray sand stone
514 "	565 "	Gray clay & rocks
565 "	586 "	Lt. Gray sand stone
586 "	600 "	Gray sand stone
600 "	611 "	Brown schale
611 "	623 "	Gray hard sand stone
623 "	647 "	Soft sand stone
647 "	654 "	Brown schale
654 "	715 "	Gray hard sand stone
715 "	735 "	Soft gray sand stone
735 "	757 "	Brown schale
757 "	774 "	Blue sticky clay
774 "	780 "	Gray soft sand stone
780 "	783 "	Sand & gravel
783 "	825 "	Dark gray schale
825 "	848 "	Soft gray sand
848 "	853 "	Gray hard sand stone
853 "	876 "	Gray soft sand stone
876 "	948 "	Gray dark sandstone
948 "	1,165 "	Lt. Gray sandstone

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CONFIDENTIAL - NOT

FOR PUBLIC RELEASE

Work started 3/14/60 19 Completed 7/1/ 19 60

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME San Diego Pump & Well Drilling (or printed)

Address P.O. Box 996

Chula Vista, California

[SIGNATURE] Well Driller

License No. 160313 Dated 7/23/ 19 60

95689 3-54 SOM QUIN © SPO DWR FORM NO. 246 (REV. 3-54)

DUPLICATE
File Original, Duplicate and Triplicate with the
REGIONAL WATER POLLUTION
CONTROL BOARD No. 9
(at appropriate number)

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA

Do Not Fill In

No. 28837

State Well No. 185/1W-32D1

Other Well No.

(1) OWNER:

Name Ray CarvajalAddress P.O. Box 92Neeter, California

(2) LOCATION OF WELL:

County _____ Owner's number, if any—

R. F. D. or Street No.

660' S/O NE cor NW 1/4, NW 1/4, Sec 32,
T 18 S, R 1 W

(3) TYPE OF WORK (check):

New well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐Irrigation ☒ Test Well ☐ Other ☐

(5) EQUIPMENT:

Rotary ☐Cable ☐Dug Well ☒

(6) CASING INSTALLED:

SINGLE ☒ DOUBLE ☐

From ft. to ft. Diam. Gage or Wall

" 0 " 1,165 " 12 " 1 1/4 "

If gravel packed

Diameter of Bore from ft. to ft.

Type and size of shoe or well

Describe joint

(7) PERFORATIONS

Type of perforator used 00859001

Size of perforations	in., length, by	in.
From 590 to 600 ft.	2 1/2	1/4
600 780	8	1
780 783	8	2
783 848	8	2
848 1165	8	3

(8) CONSTRUCTION:

Was a surface sanitary seal provided? ☐ Yes ☒ No To what depth ft.Were any strata sealed against pollution? ☐ Yes ☐ No If yes, note depth of strata

From ft. to ft.

Method of Sealing

(9) WATER LEVELS:

Depth at which water was first found 360 ft.

Standing level before perforating 606 ft.

Standing level after perforating

(10) WELL TESTS:

Was a pump test made? ☐ Yes ☐ No If yes, by whom?

Yield: gal./min. With ft. draw down after hrs.

Temperature of water Was a chemical analysis made? ☐ Yes ☐ NoWas electric log made of well? ☐ Yes ☒ No

(11) WELL LOG:

Total depth 1,165 ft. Depth of completed well 1,165 ft.

Formation: Describe by color, character, size of material, and structure.

0 ft. to	5 ft.	Black top soil
5 "	48 "	Rock & clay
48 "	95 "	Yellow sandy clay
95 "	113 "	Gray clay & rocks
113 "	240 "	Gray clay
240 "	247 "	Bentonite
247 "	373 "	Gray sand stone
373 "	436 "	Dark gray & small gravel
436 "	446 "	Brown sandy clay & rocks
446 "	458 "	Brown clay
458 "	477 "	Red schale
477 "	489 "	Lt. Gray sand
489 "	504 "	Brown sticky clay
504 "	509 "	Lt. Gray sand
509 "	514 "	Dark Gray sand stone
514 "	565 "	Gray clay & rocks
565 "	586 "	Lt. Gray sand stone
586 "	600 "	Gray sand stone
600 "	611 "	Brown schale
611 "	623 "	Gray hard sand stone
623 "	647 "	Soft sand stone
647 "	654 "	Brown schale
654 "	715 "	Gray hard sand stone
715 "	735 "	Soft gray sand stone
735 "	757 "	Brown schale
757 "	774 "	Blue sticky clay
774 "	780 "	Gray soft sand stone
780 "	783 "	Sand & gravel
783 "	825 "	Dark gray schale
825 "	848 "	Soft gray sand
848 "	853 "	Gray hard sand stone
853 "	876 "	Gray soft sand stone
876 "	948 "	Gray dark sandstone
948 "	1,165 "	Lt. Gray sandstone

MICROFILMED

CONFIDENTIAL - NOT

FOR PUBLIC RELEASE

Work started 3/14/60 19 Completed 7/1/ 19 60

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME San Diego Pump & Well Drilling (type or printed)

Address P.O. Box 996

Chula Vista, California

[SIGNATURE] Well Driller

License No. 160313 Dated 7/23/ 19 60

95689 3-54 SOM QUIN © SPO DWR FORM NO. 246 (REV. 3-54)



00853001

(Insert appropriate number)

WATER WELL DRILLERS REGISTRATION

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA

Do Not Fill In

N^o 28675

State Well No. 137/14-31H1

Other Well No. FLOTTED

(1) OWNER:

Name Tom Yonekura
 Address 219 Palm Avenue
Chula Vista, California

(2) LOCATION OF WELL:

County San Diego Owner's number, if any—
 R. F. D. or Street No. Otay Mesa

**CONFIDENTIAL - NOT
FOR PUBLIC RELEASE**

(3) TYPE OF WORK (check):

New well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
 If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
 Irrigation ☒ Test Well ☐ Other ☐

(5) EQUIPMENT:

Rotary ☐
 Cable ☐
 Dug Well ☒

(6) CASING INSTALLED:

SINGLE ☐ DOUBLE ☐ Gage or Wall
 From ft. to ft. Diam. ft.
0 1148' 7" 12"
 Type and size of shoe or well ring 12"
 Describe joint Welded

If gravel packed

Diameter of Bore from ft. to ft.
 " " " " " "
 " " " " " "
 " " " " " "
 " " " " " "

(7) PERFORATIONS:

Type of perforator used
 Size of perforations in., length, by in.
 From ft. to ft. Perf. per row Rows per ft.
800" 1140" 8 every 18"
 " " " " " " " " " " " "

(8) CONSTRUCTION:

Was a surface sanitary seal provided? ☐ Yes ☒ No To what depth ft.
 Were any strata sealed against pollution? ☐ Yes ☒ No If yes, note depth of strata
 From ft. to ft.
 Method of Sealing

(9) WATER LEVELS:

Depth at which water was first found 336 ft.
 Standing level before perforating 676 ft.
 Standing level after perforating 676 ft.

(10) WELL TESTS:

Was a pump test made? ☐ Yes ☒ No If yes, by whom?
 Yield: gal./min. with ft. draw down after hrs.
 Temperature of water Was a chemical analysis made? ☐ Yes ☒ No

(11) WELL LOG:

Total depth 1150 ft. Depth of completed well 1148' 7" ft.
 Formation: Describe by color, character, size of material, and structure.

0	ft. to	3	ft.	Lt. Brn. Clay & Rock
3	"	32	"	Coarse gravel & rock
32	"	66	"	Lt. & drk Gray siltstone
66	"	94	"	Soft yellow silty clay
94	"	120	"	Buff to red brown clay
120	"	192	"	Lt. & Drk gray firm silty clay
192	"	306	"	Soft lt. gray siltstone
306	"	324	"	Lt. tan sandy clay with 1' - 2' hard siltstone
324	"	336	"	Lt. tan coarse cemented sand
336	"	378	"	Gray sandy clay
378	"	386	"	Fine to coarse sand/water
386	"	426	"	Tan clay & Pea gravel
426	"	444	"	Gravel & Rock
444	"	494	"	Reddish brn. firm clay
494	"	512	"	Lt. Brn Clay
512	"	544	"	Lt. & Drk gray soft siltstone
544	"	562	"	Brn and tan clay w/pea gravel
562	"	602	"	Lt. Gray soft siltstone with clay
602	"	697	"	Soft gray sandstone. Hard Stratas 1' to 5' small trace of pea gravel
697	"	748	"	Yellow gray sandy clay
748	"	754	"	Blue Clay
754	"	760	"	Lt. Gray sandy clay
760	"	766	"	Blue Clay
766	"	826	"	Lt gray sandstone w/some clay & gravel.
826	"	912	"	Black-gray siltstone w/some clay & gravel
912	"	1002	"	Gray clay. Siltstone
1002	"	1006	"	Hard Siltstone strata
1006	"	1044	"	Gray clay, siltstone, shell
1044	"	1050	"	Lt. Brown slate
1050	"	1082	"	Gray clay, siltstone w/shell fragments
1082	"	1120	"	Drk. gray silty clay.
1120	"	1122	"	Siltstone with shells

 Work started 6/18 19 57 Completed 9/20 19 57

WELL DRILLER'S STATEMENT:

This well was drilled under my personal supervision and to the best of my knowledge and belief. **MICROFILMED**

Name San Diego Pump and Well Drillers
 Address P.O. Box 996,

Chula Vista, California
 [SIGNED] [Signature] Well Driller

License No. 160313 Dated 10/3 19 57



00853001

(Insert appropriate number)

WATER WELL DRILLERS REGISTRATION

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA

Do Not Fill In

No. 28675

State Well No. 137/14-31H1

Other Well No. FLOTTED

(1) OWNER:

Name Tom Yonekura
 Address 219 Palm Avenue
Chula Vista, California

(2) LOCATION OF WELL:

County San Diego Owner's number, if any—
 R. F. D. or Street No. Otay Mesa

**CONFIDENTIAL - NOT
FOR PUBLIC RELEASE**

(3) TYPE OF WORK (check):

New well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
 If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
 Irrigation ☒ Test Well ☐ Other ☐

(5) EQUIPMENT:

Rotary ☐
 Cable ☐
 Dug Well ☒

(6) CASING INSTALLED:

SINGLE ☐ DOUBLE ☐ Gage or Wall
 From ft. to ft. Diam. ft.
0 1148' 7" 12"
 Type and size of shoe or well ring 12"
 Describe joint Welded

If gravel packed

Diameter of Bore from ft. to ft.
 " " " " " "
 " " " " " "
 " " " " " "

Size of gravel:

(7) PERFORATIONS:

Type of perforator used
 Size of perforations in., length, by in.
 From ft. to ft. Perf. per row Rows per ft.
800 1140 8 every 18"

(8) CONSTRUCTION:

Was a surface sanitary seal provided? ☐ Yes ☒ No To what depth ft.
 Were any strata sealed against pollution? ☐ Yes ☒ No If yes, note depth of strata
 From ft. to ft.
 Method of Sealing

(9) WATER LEVELS:

Depth at which water was first found 336 ft.
 Standing level before perforating 676 ft.
 Standing level after perforating 676 ft.

(10) WELL TESTS:

Was a pump test made? ☐ Yes ☒ No If yes, by whom?
 Yield: gal./min. with ft. draw down after hrs.
 Temperature of water Was a chemical analysis made? ☐ Yes ☒ No

(11) WELL LOG:

Total depth 1150 ft. Depth of completed well 1148' 7" ft.
 Formation: Describe by color, character, size of material, and structure.

0	ft. to	3	ft.	Lt. Brn. Clay & Rock
3	"	32	"	Coarse gravel & rock
32	"	66	"	Lt. & drk Gray siltstone
66	"	94	"	Soft yellow silty clay
94	"	120	"	Buff to red brown clay
120	"	192	"	Lt. & Drk gray firm silty clay
192	"	306	"	Soft lt. gray siltstone
306	"	324	"	Lt. tan sandy clay with 1' - 2' hard siltstone
324	"	336	"	Lt. tan coarse cemented sand
336	"	378	"	Gray sandy clay
378	"	386	"	Fine to coarse sand/water
386	"	426	"	Tan clay & Pea gravel
426	"	444	"	Gravel & Rock
444	"	494	"	Reddish brn. firm clay
494	"	512	"	Lt. Brn Clay
512	"	544	"	Lt. & Drk gray soft siltstone
544	"	562	"	Brn and tan clay w/pea gravel
562	"	602	"	Lt. Gray soft siltstone with clay
602	"	697	"	Soft gray sandstone. Hard Stratas 1' to 5' small trace of pea gravel
697	"	748	"	Yellow gray sandy clay
748	"	754	"	Blue Clay
754	"	760	"	Lt. Gray sandy clay
760	"	766	"	Blue Clay
766	"	826	"	Lt gray sandstone w/some clay & gravel.
826	"	912	"	Black-gray siltstone w/some clay & gravel
912	"	1002	"	Gray clay. Siltstone
1002	"	1006	"	Hard Siltstone strata
1006	"	1044	"	Gray clay, siltstone, shell
1044	"	1050	"	Lt. Brown slate
1050	"	1092	"	Gray clay, siltstone w/shell fragments
1092	"	1120	"	Drk. gray silty clay.
1120	"	1122	"	Siltstone with shells

 Work started 6/18 19 57 Completed 9/20 19 57

WELL DRILLER'S STATEMENT:

This well was drilled under my personal supervision and to the best of my knowledge and belief. **MICROFILMED**

Name San Diego Pump and Well Drillers
 Address P.O. Box 996,

Chula Vista, California
 [SIGNED] [Signature] Well Driller

License No. 160313 Dated 10/3 19 57

TRIPPLICATE
File Original, Duplicate and Triplicate with the
DIVISION OF WATER RESOURCES
P. O. BOX 1079
SACRAMENTO 5, CALIFORNIA

SUPPLEMENTAL SHEET

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

TOM YONEKURA (Continued)

Do Not Fill In

State Well No. 195/1W-3141

Other Well No. _____

Region _____

(5) Well log (continued):

Total depth of well 1148' 7" ft.

Give details of formations penetrated, such as silt, peat, muck, sand, gravel, clay, shale, sandstone, hardpan, rock. Include size of gravel (diameter) and sand (fine, medium, coarse), color of material, structure (loose, packed, cemented, soft, hard, brittle).

Depth From Ground Surface

Depth	ft.	to	ft.
1122		1137	
1137		1140	
1140		1148	
1148		1150	

Lt. & dark gray silty shale
Dark Gray Siltstone
Hard Light gray sandstone x
Soft gray silty sand.

CONFIDENTIAL - NOT
FOR PUBLIC RELEASE

\$40,000 For This Well & pump
JCC

MICROFILMED



00853002

If additional space is required continue on DWR Form No. 246—Supplement, and attach to respective report copies.

ORIGINAL
 File with DWR
 Page 1 of 1
 Owner's Well No. ONE
 Date Work Began 2-26-98 Ended 3-20-98
 Local Permit Agency Dept. of Env. Health
 Permit No. W63520 Permit Date 2-12-98

KEY PUNCHED

STATE OF CALIFORNIA
 WELL COMPLETION REPORT
 Refer to Instruction Pamphlet

No. 505685

DWR USE ONLY - DO NOT FILL IN

STATE WELL NO./STATION NO.

LATITUDE LONGITUDE

APN/TRS/OTHER

GEOLOGIC LOG

ORIENTATION () ☒ VERTICAL ☐ HORIZONTAL ☐ ANGLE (SPECIFY)

DEPTH TO FIRST WATER 450 (Ft.) BELOW SURFACE

DEPTH FROM SURFACE DESCRIPTION

Ft.	to	Ft.	Describe material, grain size, color, etc.
0	5		Brown clay and some cobble rocks
5	19		White sandy clay
19	52		Grey Sandy clay with some small cobble rocks
52	190		White clayey sandstone
190	242		Grey sand and silt stone
242	252		Red clay stone
252	442		Tan colored sand and silt stone
442	487		Tan colored sandstone with some aggregates
487	615		Tan colored siltstone
615	700		Tan colored sandstone with some small aggregates

WELL OWNER

Name Oray Project LLC

Mailing Address 11975 El Camino Real Suite 104

City San Diego State California 92130

WELL LOCATION

Address Telegraph Cyn Rd & Paseo Ranchero

City San Diego

County San Diego

APN Book 641 Page 040 Parcel 05

Township 18 S Range 1 W Section 7

Latitude DEG MIN SEC NORTH Longitude DEG MIN SEC WEST

LOCATION SKETCH

NORTH

WEST

EAST

PALOMAR

WELL

60'

SEE ATTACHED MAP FOR DETAIL

ACTIVITY ()

☒ NEW WELL

MODIFICATION/REPAIR

Deepen

Other (Specify)

DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")

PLANNED USE(S) ()

MONITORING

WATER SUPPLY

Domestic

Public

☒ Irrigation

Industrial

"TEST WELL"

CATHODIC PROTECTION

OTHER (Specify)

Drilling Method Rotary

FLUID Gel

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL 450 (Ft.) & DATE MEASURED 3/20/98

ESTIMATED YIELD 150 (GPM) & TEST TYPE airlift

TEST LENGTH 8 (Hrs.) TOTAL DRAWDOWN 250 (Ft.)

* May not be representative of a well's long-term yield.

00832001

TOTAL DEPTH OF BORING 700 (Feet)

TOTAL DEPTH OF COMPLETED WELL 700 (Feet)

DEPTH FROM SURFACE	BORE HOLE DIA. (Inches)	CASING(S)					DEPTH FROM SURFACE	ANNULAR MATERIAL			
		TYPE ()	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)		TYPE	CE-MENT ()	BEN-TONITE ()	FILL ()
0	400	17.5	X	A-53	10	.219	0	20	X		
400	700	17.5	X	A-53	10	.219	20	300			3/8 crushed
							300	700			4x8 pea

ATTACHMENTS ()

Geologic Log

Well Construction Diagram

Geophysical Log(s)

Soil/Water Chemical Analyses

☒ Other MAP

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Fain Drilling & Pump Co Inc

(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

12029 Old Castle Rd. Valley Center, Ca 92082

ADDRESS CITY STATE ZIP

Signed J. R. Fain

DATE SIGNED 3/23/98

WELL DRILLER/AUTHORIZED REPRESENTATIVE

DATE SIGNED 3/23/98

C-57 LICENSE NUMBER 328287

ORIGINAL

File with DWR

Page 1 of 1

Owner's Well No. ONE

Date Work Began 2-26-98

Local Permit Agency Dept. of Env. Health

Permit No. W63520

STATE OF CALIFORNIA

WELL COMPLETION REPORT

Refer to Instruction Pamphlet

No. 505685

Permit Date 2-12-98

DWR USE ONLY - DO NOT FILL IN

STATE WELL NO./STATION NO.

LATITUDE

LONGITUDE

APN/TRS/OTHER

KEY PUNCHED

ORIENTATION (°)

☒ VERTICAL

☐ HORIZONTAL

☐ ANGLE

(SPECIFY)

DEPTH FROM SURFACE

DEPTH TO FIRST WATER 450 (Ft.) BELOW SURFACE

DESCRIPTION

Describe material, grain size, color, etc.

0

5

Brown clay and some cobble rocks

5

19

White sandy clay

19

52

Grey Sandy clay with some small cobble rocks

52

190

White clayey sandstone

190

242

Grey sand and silt stone

242

252

Red clay stone

252

442

Tan colored sand and silt stone

442

487

Tan colored sandstone with some aggregates

487

615

Tan colored siltstone

615

700

Tan colored sandstone with some small aggregates

WELL OWNER

Name Oray Project LLC

Mailing Address 11975 El Camino Real Suite 104

City San Diego

State California

ZIP 92130

WELL LOCATION

Address Telegraph Cyn Rd & Paseo Ranchero

City San Diego

County San Diego

APN Book 641

Page 040

Parcel 05

Township 18 S

Range 1 W

Section 7

Latitude

DEG MIN SEC NORTH

Longitude

DEG MIN SEC WEST

LOCATION SKETCH

NORTH

WEST

EAST

SOUTH

WELL

60'

PALOMAR

SEE ATTACHED MAP FOR DETAIL

ACTIVITY (°)

☒ NEW WELL

MODIFICATION/REPAIR

☐ Deepen

☐ Other (Specify)

DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")

PLANNED USE(S) (°)

☐ MONITORING

WATER SUPPLY

☐ Domestic

☐ Public

☒ Irrigation

☐ Industrial

☐ "TEST WELL"

☐ CATHODIC PROTECTION

☐ OTHER (Specify)

Drilling Method Rotary

Fluid Gel

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL 450 (Ft.) & DATE MEASURED 3/20/98

ESTIMATED YIELD 150 (GPM) & TEST TYPE airlift

TEST LENGTH 8 (Hrs.) TOTAL DRAWDOWN 250 (Ft.)

* May not be representative of a well's long-term yield.

00832001

TOTAL DEPTH OF BORING 700 (Feet)

TOTAL DEPTH OF COMPLETED WELL 700 (Feet)

DEPTH FROM SURFACE

BORE HOLE DIA. (Inches)

TYPE (°)

BLANK

SURVEY

CONCRETE

PIPE

MATERIAL / GRADE

INTERNAL DIAMETER (Inches)

GAUGE OR WALL THICKNESS

SLOT SIZE IF ANY (Inches)

DEPTH FROM SURFACE

ANNULAR MATERIAL

CEMENT (°)

BENTONITE (°)

FILL (°)

FILTER PACK (TYPE/SIZE)

0

400

17.5

X

A-53

10

.219

0

20

X

400

700

17.5

X

A-53

10

.219

3/32x2

20

300

1/8 crushed

300

700

4x8 pea

ATTACHMENTS (°)

☐ Geologic Log

☐ Well Construction Diagram

☐ Geophysical Log(s)

☐ Soil/Water Chemical Analyses

☒ Other MAP

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Fain Drilling & Pump Co Inc

(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

12029 Old Castle Rd. Valley Center, Ca 92082

ADDRESS

CITY

STATE

ZIP

Signed J. R. Fain

DATE SIGNED 3/23/98

C-57 LICENSE NUMBER 328287

WELL DRILLER/AUTHORIZED REPRESENTATIVE

MAP ID

20

DUPLICATE

File Original, Duplicate and Triplicate with the
DIVISION OF WATER RESOURCES
P. O. BOX 1079
SACRAMENTO 5, CALIFORNIA

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES

Do Not Fill In

State Well No. 185/1W-301

Other Well No. _____

Region _____

(1) DRILLER: (person, firm, or corporation) 441Name San Diego Pump & Well DrillersAddress 145-Brightwood St
Chula Vista, Calif.

OWNER:

Name Mike Iguchi 16666Address 2501- Elm St.
Palm City, Calif.Tijuana River

(2) Proposed Use (Check)

Domestic <input type="checkbox"/>	Industrial <input type="checkbox"/>	Rotary Cable <input type="checkbox"/>
Irrigation <input checked="" type="checkbox"/>	Test Well <input type="checkbox"/>	Dug Well <input type="checkbox"/>
Municipal <input type="checkbox"/>	Other <input type="checkbox"/>	Other <input type="checkbox"/>

(3) CASING:

490 ft. of 10 in 28 lb./ga. casing left in well

" " " " " " " " " " " "

" " " " " " " " " " " "

" " " " " " " " " " " "

" " " " " " " " " " " "

Type and size of shoe or well ring 10x10x3/4"

(4) PERFORATIONS:

Type of perforator used Mills 2Perforated 1230 ft. to 540 ft. holes per in." Approx. 1000 Holes " " " " " "

" " " " " " " " " " " "

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Diameter of perforations 2 1/2 in., length 25-25 in.

(5) WATER LEVELS:

Was electric log made of well? ☒ Yes ☐ No. If yes, attach copy.

Depth at which water was first found _____ ft.

Standing level before perforating 450 ft.Standing level after perforating 450 ft.Note your observation of any change in water level while drilling noWas a surface sanitary seal provided? no 2

(6) WELL PUMPING TEST:

Capacity 75 gal./min. 0 ft. draw downWas well gravel packed? no 2Were any strata sealed against pollution? no 2

Temperature _____ Was a chemical analysis made? _____ Attach copy

If abandoned was well capped? _____

(7) TYPE OF WORK (check):

New well ☐ Reconditioning of well ☐

Determine existing well _____

(8) LOCATION OF WELL:

County San DiegoR. F. D. or Street No. 2501- Elm St.
Palm City, Calif.

(9) WELL LOG:

Total depth of well _____ ft.

Formation: Mention size of water gravel—

800 ft. to 838 ft. Gray sand stone838 " 850 " Soft sand stone (Water)850 " 870 " Gray sandy silt870 " 980 " Soft grey shale980 " 983 " Hard ledge of sand stone983 " 1235 " Gray shale with sand" " " stone ledges1235 " Rock "

" " " " " " " " " " " "

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Work started 6/19/52 19 , Completed 9/12/52 19Date of Report 10/15/52 , 19

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

[SIGNED] San Diego Pump & Well DrillersBy J. L. Jamelton Well DrillerLicense No. 88488 Classification C57Dated 10/15/52 , 19

AR790 7-51 30M DUIN (1) SPO

State Well No. 189/1W-301
Other Well No. _____
Region. PLOT

MICROFILMED

[SIGNED] San Diego Pump & Well Drillers
Well Driller
By J. L. Lando
License No. 88485 Classification C57
Dated 10/15/52, 1952

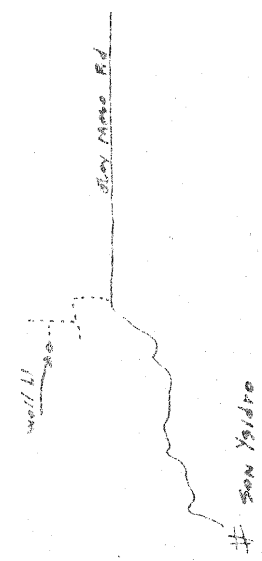
STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES
WATER SAMPLE DATA SHEET

ELEV REF. FT.		TAPES READINGS		DIST. RP. TO WATER SURFACE		OBSERVER AND REMARKS		REGION		INVESTIGATION	
DATE	TIME	REF. PT.	WATER SURFACE								
May 11, 2004		Too deep to measure				J. Calles		9		DIVISION OF WATER RESOURCES NO. 1851 FW-3011	
LOCATION											
Two and 1/2 Miles ENE of San Ysidro on Gray Mesa Rd and 3/4 Miles NW on dirt Rd.											
DESCRIPTION OF SAMPLING POINT											
Well abandoned cont. 50 ft											



NOT FILMED

SKETCH



DWR 201

Form 246
 DIVISION OF WATER RESOURCES
 P. O. BOX 1073
 SACRAMENTO 5, CALIFORNIA

STATE OF CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS
 DIVISION OF WATER RESOURCES

SHEET 1

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

Do Not Fill In
 State Well No. 152/100 1921
 Other Well No. _____
 Region 7

(1) Driller:

Name San Diego Pump & Well Drillers
 Address 145 - Brightwood St.
Chula Vista, Calif.
 License No. 88485 Classification C57

(2) Proposed use or uses (check): (3) Equipment used

Domestic ☒ Municipal ☐ (check):
 Irrigation ☐ Industrial ☐ Rotary ☐
 Domestic and Test well ☐ Cable ☒
 Irrigation ☐ Dug well ☐
 Other _____ Other _____

Owner:

Name W. Ellerson 16463
 Address Rt. 1 Box 569 E
Chula Vista, Calif.

(4) Type of work (check):

New well ☒ Reconditioning of well ☐
 Deepening existing well ☐

(5) Well log:

Total depth of well 175 ft.

Give details of formations penetrated, such as silt, peat, muck, sand, gravel, clay, shale, sandstone, hardpan, rock. Include size of gravel (diameter) and sand (fine, medium, coarse), color of material, structure (loose, packed, cemented, soft, hard, brittle).

Depth From Ground Surface

Depth (ft.)	Formation
0	Top Soil
5	Red sandy clay
22	" " " with small rock
35	Yellow sandy clay
60	Black mud
75	Sandy black mud
85	Black mud
102	Black sand & gravel (Water test) 2230 PPM
114	Fine black sand
120	Light grey clay (Water test) 864 PPM
175	

Top Soil

Red sandy clay

" " " with small rock

Yellow sandy clay

Black mud

Sandy black mud

Black mud

Black sand & gravel (Water test) 2230 PPM

Fine black sand

Light grey clay (Water test) 864 PPM

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If additional space is required, continue on DWR Form No. 246—Supplement, and attach to respective report copies.

(6) Casing left in well:

LENGTH FT.	DIAMETER INCHES	SINGLE, DOUBLE, WELDED, OTHER	LBS. PER FOOT OR PAGE OF CASING	SEATING BELOW GROUND SURFACE, FT.
12182"	8	Welded	17#	120
60'-8"	8	X-X-200	12	175

Type and size of shoe or well ring _____ Welded joints ☒ Yes ☐ No

SHEET 2

(Sections 7076, 7077, 7078, Water Code)

Do Not Fill In

State Well No. 185/14/1921
Other Well No. _____
Region 9

Performances:							
Type of perforator used	<u>Cutting torch</u>						<u>19-60</u>
Perforated	<u>133</u>	ft.	to	<u>174</u>	ft.	Hole size	<u>3/16 x 6</u>
"	"	"	"	"	"	No. of holes	<u>Approx. 50</u>
"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"

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(9) Well pumping test:

Depth at which water first encountered 47 ft.

Depth to water before perforating 47 ft.

Depth to water after perforating 47 ft.

Note any change in water level while drilling
no

Well pumping

Date of test 10/15/51 By whom S.D.Pump & Well Drillers

Depth to water when test started 47 ft.

G.P.M. at beginning of test 12

Drawdown from standing level 103 ft.

G.P.M. at completion of test 10

Drawdown at completion of test 103 ft.

Length of time tested 2 Hrs.

Temperature of water _____



Was gas present in water? ☐ Yes ☒ No

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Was well gravel packed? **no** Size of rock _____ Thickness of pack _____
 Was a surface sanitary seal provided? **no**
 Were any strata sealed against pollution? ☐ Yes ☒ No If yes, attach detailed description. **2**
 Strata sealed **no**
 Was analysis made of water? ☒ Yes ☐ No If yes, attach copy. **Water Tests**
 Was electric log made of well? ☐ Yes ☐ No If yes, attach copy. **112'- (2230) PPM**
 If well abandoned, was it plugged and sealed? **175' * (864)**
 Method of plugging and sealing _____

(12) Time of work:

North

			
 X			

1 MILE

Section No. 19
Township 18 S
Range 1 W
Base & Meridian S.B.
Show location of well in Section, thus (X)
Distances to section lines from well, N or S 500 ¹³/_{ft}
and W 500 ¹³/_{ft}
Show location of nearest known well, thus (O)
Distance to nearest known well 950 ft.

Work started date 10/6/51 Completed date 10/15/51
Date of this report 10/25/51

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

[SIGNED] San Diego Pump & Well Drillers

By W. J. Linnell
License No. 88485 Classification C57
Dated: 10/25/51, 19

FIELD CHECK OF WELL LOCATION

DRILLER S.D. Pump & Well Drillers

CHECKED BY _____

OWNER U. Ellerson

DATE 19

PUMP NO. Submerged

METER NO. 31479 512 Power Co. No. 234527

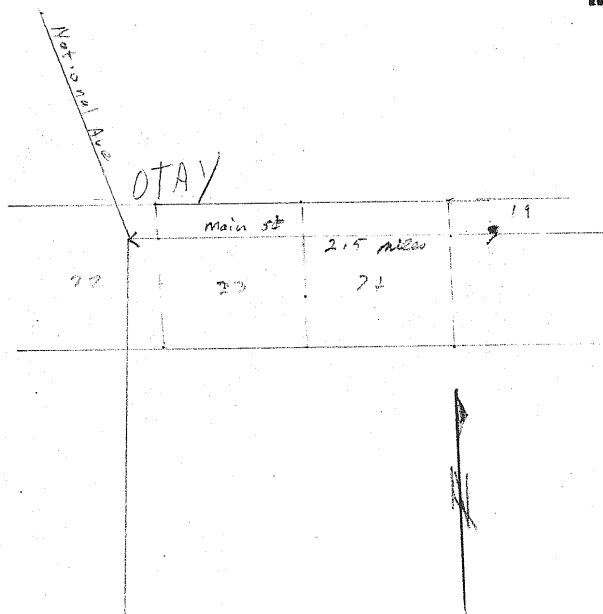
STATE WELL NO. 185/111 ADI

LOCATE WELL WITH REFERENCE TO ROADS AND ROAD INTERSECTIONS: ALSO INDICATE DISTANCES AND DIRECTIONS TO NEARBY CITIES OR TOWNS.

50' N of Road



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FORM 115 INVESTIGATION

DIVISION OF WATER RESOURCES
DEPARTMENT OF PUBLIC WORKS
STATE OF CALIFORNIA

SHEET 1

NUMBER 185/2W-24K

WELL LOG

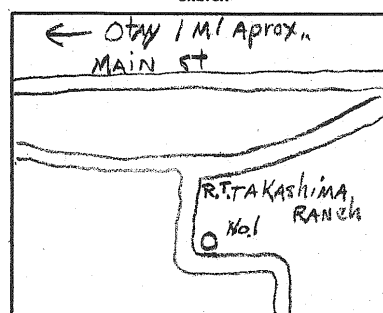
LOCAL DESIGNATION

LOCATION Rt. Takashima Ranch approx 1 mi E.
of Otay, Calif.OWNER Richard T. TakashimaDATE COMPLETED Sept. 1947DIAMETER OF CASING 12" 45 lb.DRILLED BY W.E. James + W^m RambearSOURCE OF INFORMATION HA. Schoonover

INSPECTED WHILE DRILLING _____ SEE FILE NO. _____

SURFACE ELEVATION Aprox 200'

SKETCH



DEPTH	ELEVATION OF BOTTOM OF STRATUM	MATERIAL	THICKNESS FEET	% VOIDS	ABSOLUTE VOIDS FEET	TOTAL VOIDS FEET
0-15	15	clay				
	25	Boulders				
	40	Yellow Sand + clay				
	50	Blue sandy clay & water	470	PPM.		
	105	"	276	"		
	130	Hard sand stone				
	150	Fine sand Blue some 2" rock on top of Black clay little water				
	220	Blue sand mud some water	270	PPM.		
	260	" " " " sand				
	340	Blue mud				
	350	Water sand some gravel	420	PPM.		
	375	Black mud				
	403	Sand stone + gravel some big rocks	395	PPM.		
	412	Hard sand stone or lime rocks	417	PPM.		
		Perforations 395'-375" 20 holes				
		350'-340" 10 "				
		260'-220" 46 "				
		Wat	205	PPM.		
		400 gal per min				
		Pump set at 400 feet				

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FOR FIELD COPIES USE ALTERNATE LINES



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LOG OBTAINED BY

DATE

FORM 115 INVESTIGATION

DIVISION OF WATER RESOURCES
DEPARTMENT OF PUBLIC WORKS
STATE OF CALIFORNIA

SHEET 1

NUMBER 185/2W-24K

WELL LOG

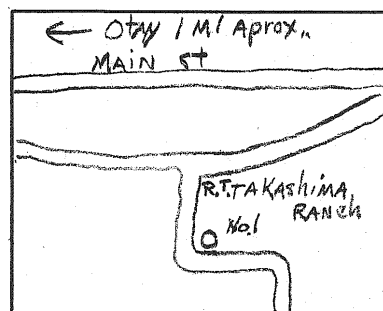
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INSPECTED WHILE DRILLING _____ SEE FILE NO. _____

SURFACE ELEVATION Approx 200'

SKETCH



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		Perforations 395'-375" 20 holes				
		350'-340" 10 "				
		260'-220" 46 "				
		Wat	205	PPM.		
		400 gal per min				
		Pump set at 400 feet				

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LOG OBTAINED BY

DATE

FORM 115 INVESTIGATION

DIVISION OF WATER RESOURCES
DEPARTMENT OF PUBLIC WORKS
STATE OF CALIFORNIA

SHEET 1

NUMBER 185/2W-24K

WELL LOG

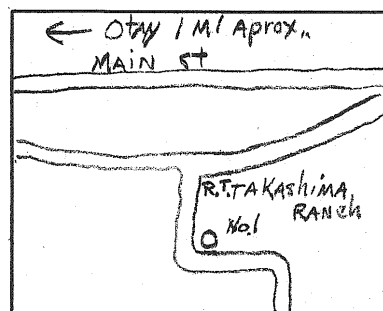
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INSPECTED WHILE DRILLING _____ SEE FILE NO. _____

SURFACE ELEVATION Approx 200'

SKETCH



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	412	Hard sand stone or lime rocks	417	PPM.		
		Perforations 395'-375" 20 holes				
		350'-340" 10 "				
		260'-220" 46 "				
		Wat	205	PPM.		
		400 gal per min				
		Pump set at 400 feet				

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FOR FIELD COPIES USE ALTERNATE LINES



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LOG OBTAINED BY

DATE

FORM 115 INVESTIGATION

DIVISION OF WATER RESOURCES
DEPARTMENT OF PUBLIC WORKS
STATE OF CALIFORNIA

SHEET 1

NUMBER 185/2W-24K

WELL LOG

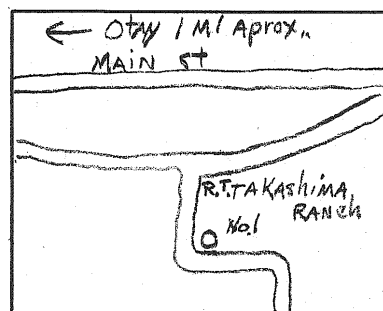
LOCAL DESIGNATION

LOCATION Rt. Takashima Ranch approx 1 mi E.
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INSPECTED WHILE DRILLING _____ SEE FILE NO. _____

SURFACE ELEVATION Approx 200'

SKETCH



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	403	Sand stone + gravel some big rocks	395	PPM.		
	412	Hard sand stone or lime rocks	417	PPM.		
		Perforations 395'-375" 20 holes				
		350'-340" 10 "				
		260'-220" 46 "				
		Wat	205	PPM.		
		400 gal per min				
		Pump set at 400 feet				

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FOR FIELD COPIES USE ALTERNATE LINES



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LOG OBTAINED BY

DATE

DUPLICATE
File Original, Duplicate and Triplicate with the
DIVISION OF WATER RESOURCES
P. O. BOX 1079
SACRAMENTO, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

DIVISION OF WATER RESOURCES

SHEET 1

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

Do Not Fill In

State Well No. 165/1W.21W/

Other Well No. _____

Region 9

(1) Driller:

Name San Diego Pump & Well Drillers

Address 145- Brightwood St.

Chula Vista, Calif.

License No. 88485 Classification C57

(2) Proposed use or uses (check):

Domestic ☐

Irrigation ☒

Domestic and

Irrigation ☐

Other _____

(3) Equipment used

(check):

Municipal ☐

Industrial ☐

Test well ☐

Rotary ☐

Cable ☒

Dug well ☐

Other _____

Owner:

Name Otay Agricultural Corp.

Address P.O. Box 235

Chula Vista, Calif.

(4) Type of work (check):

New well ☒

Reconditioning of well ☐

Deepening existing well ☐

(5) Well log:

Total depth of well 591 ft.

Give details of formations penetrated, such as silt, peat, muck, sand, gravel, clay, shale, sandstone, hardpan, rock. Include size of gravel (diameter) and sand (fine, medium, coarse), color of material, structure (loose, packed, cemented, soft, hard, brittle).

Depth From Ground Surface

ft.	to	ft.
1	8	
8	17	
17	34	
34	59	
59	80	
80	270	
270	297	
297	320	
320	350	
350	365	
365	397	
397	421	
421	452	
452	561	
561	591	

Brown clay
Gravel & boulders (Dry)
Pink clay & small rocks
Loose gravel & small rocks
Pink & white clay
White sandstone rocks & silty clay (Water test 750)
White clay with traces of brown clay
Light brown sandy clay with shale ledges 6" to 1'
Hard brown clay (thick)
Yellow Clay
Yellow green clay
Light brown silty clay
Brown & yellow clay
Dark grey clay & small pea gravel (Water test)
Dark silty clay with small rocks, (1070)
Large granite boulders

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00835001

If additional space is required, continue on DWR Form No. 246—Supplement, and attach to respective report copies.

(6) Casing left in well:

LENGTH FT.	DIAMETER INCHES	SINGLE, DOUBLE, WELDED, OTHER	LBS. PER FOOT OR GAGE OF CASING	BEATING BELOW GROUND SURFACE, FT.
576	12	Single	1/4" Wall	575
		1 - X - 250		

Type and size of shoe or well ring _____ Welded joints ☒ Yes ☐ No

12x12x7/8" - 88-12

D.W.R. Form No. 246

FIELD LOCATED BY _____ DATE _____
PLOTTED & INDEXED BY _____ DATE _____

23971 3-50 40M QUIN SPO

DUPLICATE
File Original, Duplicate and Triplicate with the
DIVISION OF WATER RESOURCES
P. O. BOX 1079
SACRAMENTO, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

DIVISION OF WATER RESOURCES

SHEET 1

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

Do Not Fill In

State Well No. 165/1W.21W/
Other Well No. _____
Region 9

(1) Driller:

Name San Diego Pump & Well Drillers
Address 145- Brightwood St.
Chula Vista, Calif.
License No. 88485 Classification C57

(2) Proposed use or uses (check):

Domestic ☐
Irrigation ☒
Domestic and
Irrigation ☐
Other _____

(3) Equipment used

(check):
Rotary ☐
Cable ☒
Dug well ☐
Other _____

Owner:

Name Otay Agricultural Corp.
Address P.O. Box 235
Chula Vista, Calif.

(4) Type of work (check):

New well ☒ Reconditioning of well ☐
Deepening existing well ☐

(5) Well log:

Total depth of well 591 ft.

Give details of formations penetrated, such as silt, peat, muck, sand, gravel, clay, shale, sandstone, hardpan, rock. Include size of gravel (diameter) and sand (fine, medium, coarse), color of material, structure (loose, packed, cemented, soft, hard, brittle).

Depth From Ground Surface

ft.	to	ft.
1	8	
8	17	
17	34	
34	59	
59	80	
80	270	
270	297	
297	320	
320	350	
350	365	
365	397	
397	421	
421	452	
452	561	
561	591	

Brown clay
Gravel & boulders (Dry)
Pink clay & small rocks
Loose gravel & small rocks
Pink & white clay
White sandstone rocks & silty clay (Water test 750)
White clay with traces of brown clay
Light brown sandy clay with shale ledges 6" to 1'
Hard brown clay (thick)
Yellow Clay
Yellow green clay
Light brown silty clay
Brown & yellow clay
Dark grey clay & small pea gravel (Water test)
Dark silty clay with small rocks, (1070)
Large granite boulders

CONFIDENTIAL - NOT
FOR PUBLIC RELEASE

MICROFILMED



00835001

If additional space is required, continue on DWR Form No. 246—Supplement, and attach to respective report copies.

(6) Casing left in well:

LENGTH FT.	DIAMETER INCHES	SINGLE, DOUBLE, WELDED, OTHER	LBS. PER FOOT OR GAGE OF CASING	BEATING BELOW GROUND SURFACE, FT.
576	12	Single	1/4" Wall	575
		1 - X - 250		

Type and size of shoe or well ring _____ Welded joints ☒ Yes ☐ No

12x12x7/8" - 88-12

D.W.R. Form No. 246

FIELD LOCATED BY _____ DATE _____
PLOTTED & INDEXED BY _____ DATE _____

23971 3-50 40M QUIN SPQ

DUPLICATE
File Original, Duplicate and Triplicate with the
DIVISION OF WATER RESOURCES
P. O. BOX 1079
SACRAMENTO 5, CALIFORNIA

SHEET 2

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

Do Not Fill In

State Well No. 1871W 21W1

Other Well No. _____

Region 7

(7) Perforations:

Type of perforator used	ft. to	ft. Hole size	No. of holes
Perforated <u>80</u>	<u>80</u>	<u>2 1/2 x 1 1/2</u>	<u>160</u>
" <u>421</u>	<u>570</u>	<u>2 1/2 x 1 1/2</u>	<u>1192</u>
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"

CONFIDENTIAL - NOT
FOR PUBLIC RELEASE

(8) Water levels:

Depth at which water
first encountered 135x 60 ft.
Depth to water
before perforating 135 ft.
Depth to water
after perforating 135 ft.
Note any change in water level while drilling
no

(9) Well pumping test:

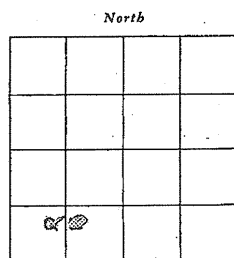
Date of test 1/3/52 By whom S.D. Pump & Well Drillers
Depth to water when test started 135 ft.
G.P.M. at beginning of test 200
Drawdown from standing level 90 ft.
G.P.M. at completion of test 250
Drawdown at completion of test 90 ft.
Length of time tested 14 Hrs.
Temperature of water _____
Was gas present in water? ☐ Yes ☒ No

(10) General:

Was well gravel packed? ☒ Yes ☐ No Size of rock _____ Thickness of pack _____
Was a surface sanitary seal provided? ☒ Yes ☐ No If yes, attach detailed description. 2
Were any strata sealed against pollution? ☐ Yes ☒ No If yes, attach detailed description. 2
Strata sealed _____
Was analysis made of water? ☒ Yes ☐ No If yes, attach copy. 430' - 1115 PPM
Was electric log made of well? ☐ Yes ☒ No If yes, attach copy. 560' - 1040 PPM
If well abandoned, was it plugged and sealed? 3 HRS. PUMPING 1270 PPM
Method of plugging and sealing _____

MICROFILMED

(11) Location:



1 MILE

Section No. 21
Township 12 S
Range 1 W
Base & Meridian S B
Show location of well in Section, thus (X) _____
Distances to section lines from well, N or S 800 ft.
and E or W 1300 ft.
Show location of nearest known well, thus (O) _____
Distance to nearest known well 1900 ft.

(12) Time of work:

Work started date 10/22/51 Completed date 1/3/52
Date of this report 1/25/52

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

[SIGNED] San Diego Pump & Well DrillersBy W. H. HamiltonLicense No. 88435 Classification 057Dated 2/6/52, 19.

00835002

WATER WELL DRILLERS REPORT (Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA



00869001

Name California Water and Telephone Co.
Address 388 Third Avenue
Chula Vista, California

(2) LOCATION OF WELL:

County San Diego Owner's number, if any— 15

R. F. D. or Street No.

NW Corner of Sec. 25 T 18 S, R 2 W
S.B.B. & M.

(3) TYPE OF WORK (check):

New well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐Irrigation ☐ Test Well ☐ Other ☐

(5) EQUIPMENT:

Rotary ☐Cable ☐Dug Well ☒

(6) CASING INSTALLED:

SINGLE ☐ DOUBLE ☐

From ft. to ft. Diam. Gage or Wall
" 0 " 725' 10" "
" " 12 3/4" Diam
" " " " "
" " " " "
" " " " "

If gravel packed

Diameter of Bore from ft. to ft.
" " " " "
" " " " "
" " " " "
" " " " "

Type and size of shoe or well ring

12"

Size of gravel:

Describe joint

Welded

(7) PERFORATIONS:

Type of perforator used

Mills

Size of perforations

5/16

in. length, by 2 3/4 in.

From ft. to ft. Perf. per row Rows per ft.

" 271 " 275 " 10 " " 2 " " "
" 525 " 532 " " " " " " "
" 549 " 557 " " " " " " "

(8) CONSTRUCTION:

Was a surface sanitary seal provided? ☐ Yes ☒ No To what depth ft.Were any strata sealed against pollution? ☐ Yes ☒ No If yes, note depth of strata

From ft. to ft.

Method of Sealing

**CONFIDENTIAL - NOT
FOR PUBLIC RELEASE**

(9) WATER LEVELS:

Depth at which water was first found

212

ft.

Standing level before perforating

180

ft.

g level after perforating

130

(10) WELL TESTS:

Was a pump test made? ☐ Yes ☒ No If yes, by whom?

Yield gal./min. with ft. draw down after hrs.

Temperature of water Was a chemical analysis made? ☐ Yes ☒ NoWas electric log made of well? ☐ Yes ☒ No

Do Not Fill In

N^o 28762State Well No. 18S/2W-25D1

Other Well No.

PLOTTED

(11) WELL LOG:

Total depth 318 ft. Depth of completed well 725' 10" ft.

Formation: Describe by color, character, size of material, and structure.

0 ft. to 8 ft. Adobe, top soil
8 " 18 " Adobe & rocks red
18 " 91 " Yellow clay base rocks
boulders
91 " 105 " Yellow clay, sandy
105 " 116 " Rocks
116 " 130 " Conglomerate, sand gravel
& clay
130 " 185 " Fine silt, clay base
185 " 193 " Black sand, sea shells,
consolidated. Dry
193 " 201 " Fine sand, silt, loose
black clay
201 " 212 " Sand stone floaters, dry
212 " 232 " Silt, sand clay & shells
232 " 275 " Shale, embeded shells
275 " 286 " Silt
286 " 318 " Mud
318 " 328 " Fine silt, sand and shell
decayed wood.
328 " 391 " Sticky dry mud
391 " 397 " Shells, decayed wood
397 " 401 " Cong. shells, sandstone
ledge
401 " 430 " Mud
430 " 433 " Shale
433 " 462 " Mud
462 " 503 " Mud, few small reeks,
some shell embeded, firm
dry.
503 " 525 " Mud
525 " 532 " Blue granite sand, small
black pea gravel, some
shells
532 " 549 " Finer sand, clay
549 " 553 " Coarse and fine sand
small pea gravel & shell
553 " 565 " Blue bentonite clay dry
565 " 578 " Clay sand
578 " 582 " Blue clay, fine sand
582 " 600 " White clay, fine sand,
very hard dry & sticky
600 " 612 " Grey clay, sand, dry,
1/20 58 4/16 58
WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of
my knowledge and belief.

NAME San Diego Pump and Well Drillers

(Person, firm, or corporation)

(Typed or printed)

Address P. O. Box 993Chula Vista, Calif.[SIGNED] [Signature] Well DrillerLicense No. 160313 Dated 4/22, 19 58

WATER WELL DRILLERS REPORT (Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA



00869001

Name California Water and Telephone Co.
Address 388 Third Avenue
Chula Vista, California

(2) LOCATION OF WELL:

County San Diego Owner's number, if any— 15
R. F. D. or Street No.

NW Corner of Sec. 25 T 18 S, R 2 W
S.B.B. & M.

(3) TYPE OF WORK (check):

New well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

(5) EQUIPMENT:

Rotary ☐
Cable ☐
Dug Well ☒

(6) CASING INSTALLED:

SINGLE ☐ DOUBLE ☐

From	ft. to	ft.	Diam.	Gage or Wall	Diameter of Bore	from ft.	to ft.
"	0	"	725' 10"	"	"	"	"
"	"	"	12 3/4" Diam	"	"	"	"
"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"

Type and size of shoe or well ring 12" Size of gravel:Describe joint Welded

(7) PERFORATIONS:

Type of perforator used Mills

Size of perforations	ft. to	ft.	Perf. per row	Rows per ft.
"	271	"	275	"
"	525	"	532	"
"	549	"	557	"

(8) CONSTRUCTION:

Was a surface sanitary seal provided? ☐ Yes ☒ No To what depth _____ ft.Were any strata sealed against pollution? ☐ Yes ☒ No If yes, note depth of strata _____

From _____ ft. to _____ ft.

Method of Sealing CONFIDENTIAL - NOT FOR PUBLIC RELEASE

(9) WATER LEVELS:

Depth at which water was first found 212 ft.Standing level before perforating 180 ft.Water level after perforating 130 ft.

(10) WELL TESTS:

Was a pump test made? ☐ Yes ☒ No If yes, by whom? S.D. Pump

Yield: _____ gal./min. with _____ ft. draw down after _____ hrs.

Temperature of water _____ Was a chemical analysis made? ☐ Yes ☒ NoWas electric log made of well? ☐ Yes ☒ No

Do Not Fill In

N^o 28762State Well No. 18S/2W-25D1

Other Well No. _____

(11) WELL LOG:

Total depth 318 ft. Depth of completed well 725' 10" ft.

Formation: Describe by color, character, size of material, and structure.

0	ft. to	8	ft.	Adobe, top soil
8	"	18	"	Adobe & rocks red
18	"	91	"	Yellow clay base rocks boulders
91	"	105	"	Yellow clay, sandy
105	"	116	"	Rocks
116	"	130	"	Conglomerate, sand gravel & clay
130	"	185	"	/// Fine silt, clay base
185	"	193	"	Black sand, sea shells, consolidated. Dry
193	"	201	"	Fine sand, silt, loose black clay
201	"	212	"	Sand stone floaters, dry
212	"	232	"	Silt, sand clay & shells
232	"	275	"	Shale, embeded shells
275	"	286	"	Silt
286	"	318	"	Mud
318	"	328	"	Fine silt, sand and shell decayed wood.
328	"	391	"	Sticky dry mud
391	"	397	"	Shells, decayed wood
397	"	401	"	Cong. shells, sandstone ledge
401	"	430	"	Mud
430	"	433	"	Shale MICROFILMEI
433	"	462	"	Mud
462	"	503	"	Mud, few small rocks, some shell embeded, firm dry.
503	"	525	"	Mud
525	"	532	"	Blue granite sand, small black pea gravel, some shells
532	"	549	"	Finer sand, clay
549	"	553	"	Coarse and fine sand small pea gravel & shell
553	"	565	"	Blue bentonite clay dry
565	"	578	"	Clay sand
578	"	582	"	Blue clay, fine sand
582	"	600	"	White clay, fine sand, very hard dry & sticky
600	"	612	"	Grey clay, sand, dry, 1/20
612	"	618	"	Completed 4/16 58

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME San Diego Pump and Well Drillers

(Person, firm, or corporation) (Typed or printed)

Address P. O. Box 993

Chula Vista, Calif.

[SIGNED] [Signature] Well DrillerLicense No. 160313 Dated 4/22, 19 58

95089 3-54 SOM QUIN © SPO

DWR FORM NO. 246 (REV. 3-54)

WATER WELL DRILLERS REPORT (Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA



00869001

Name California Water and Telephone Co.
Address 388 Third Avenue
Chula Vista, California

(2) LOCATION OF WELL:

County San Diego Owner's number, if any— 15

R. F. D. or Street No.

NW Corner of Sec. 25 T 18 S, R 2 W
S.B.B. & M.

(3) TYPE OF WORK (check):

New well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐Irrigation ☐ Test Well ☐ Other ☐

(5) EQUIPMENT:

Rotary ☐Cable ☐Dug Well ☒

(6) CASING INSTALLED:

SINGLE ☐ DOUBLE ☐

From ft. to ft. Diam. Gage or Wall
" 0 " 725' 10" "
" " 12 3/4" Diam
" " " " "
" " " " "
" " " " "

If gravel packed

Diameter of Bore from ft. to ft.
" " " " "
" " " " "
" " " " "
" " " " "

Type and size of shoe or well ring

12"

Size of gravel:

Describe joint

Welded

(7) PERFORATIONS:

Type of perforator used

Mills

Size of perforations

5/16

in. length, by 2 3/4 in.

From ft. to ft. Perf. per row Rows per ft.

" 271 " 275 " 10 " " 2 " " "
" 525 " 532 " " " " " " "
" 549 " 557 " " " " " " "

(8) CONSTRUCTION:

Was a surface sanitary seal provided? ☐ Yes ☒ No To what depth ft.Were any strata sealed against pollution? ☐ Yes ☒ No If yes, note depth of strata

From ft. to ft.

Method of Sealing

**CONFIDENTIAL - NOT
FOR PUBLIC RELEASE**

(9) WATER LEVELS:

Depth at which water was first found

212

ft.

Standing level before perforating

180

ft.

g level after perforating

130

(10) WELL TESTS:

Was a pump test made? ☐ Yes ☒ No If yes, by whom?

Yield gal./min. with ft. draw down after hrs.

Temperature of water Was a chemical analysis made? ☐ Yes ☒ NoWas electric log made of well? ☐ Yes ☒ No

Do Not Fill In

N^o 28762State Well No. 18S/2W-25D1

Other Well No.

PLOTTED

(11) WELL LOG:

Total depth 318 ft. Depth of completed well 725' 10" ft.

Formation: Describe by color, character, size of material, and structure.

0 ft. to 8 ft. Adobe, top soil
8 " 18 " Adobe & rocks red
18 " 91 " Yellow clay base rocks
" " boulders
91 " 105 " Yellow clay, sandy
105 " 116 " Rocks
116 " 130 " Conglomerate, sand gravel
" " & clay
130 " 185 " Fine silt, clay base
185 " 193 " Black sand, sea shells,
" " consolidated. Dry
193 " 201 " Fine sand, silt, loose
" " black clay
201 " 212 " Sand stone floaters, dry
212 " 232 " Silt, sand clay & shells
232 " 275 " Shale, embeded shells
275 " 286 " Silt
286 " 318 " Mud
318 " 328 " Fine silt, sand and shell
" " decayed wood.
328 " 391 " Sticky dry mud
391 " 397 " Shells, decayed wood
397 " 401 " Cong. shells, sandstone
" " ledge
401 " 430 " Mud
430 " 433 " Shale
433 " 462 " Mud
462 " 503 " Mud, few small reeks,
" " some shell embeded, firm
" " dry.
503 " 525 " Mud
525 " 532 " Blue granite sand, small
" " black pea gravel, some
" " shells
532 " 549 " Finer sand, clay
549 " 553 " Coarse and fine sand
" " small pea gravel & shell
553 " 565 " Blue bentonite clay dry
565 " 578 " Clay sand
578 " 582 " Blue clay, fine sand
582 " 600 " White clay, fine sand,
" " very hard dry & sticky
600 " 612 " Grey clay, sand, dry,
" " 1/20 58 4/16 58
Wells drilled Completed

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME San Diego Pump and Well Drillers

(Person, firm, or corporation)

(Typed or printed)

Address P. O. Box 993Chula Vista, Calif.

[SIGNED]

Well Driller

License No. 160313Dated 4/22, 19 58

95089 3-54 SOM QUIN © SPO

DWR FORM NO. 246 (REV. 3-54)

WATER WELL DRILLERS REPORT (Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA



00869001

Name California Water and Telephone Co.
Address 388 Third Avenue
Chula Vista, California

(2) LOCATION OF WELL:

County San Diego Owner's number, if any— 15
R. F. D. or Street No. NW Corner of Sec. 25 T 18 S, R 2 W
S.B.B. & M.

(3) TYPE OF WORK (check):

New well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

(5) EQUIPMENT:

Rotary ☐
Cable ☐
Dug Well ☒

(6) CASING INSTALLED:

SINGLE ☐ DOUBLE ☐

From	ft. to	ft.	Diam.	Gage or Wall	Diameter of Bore	from ft.	to ft.
0	725'	10"					
			12 3/4" Diam				

Type and size of shoe or well ring 12" Size of gravel:Describe joint Welded

(7) PERFORATIONS:

Type of perforator used Mills

Size of perforations	ft. to	ft.	Perf. per row	Rows per ft.
5/16	271	275	10	2
	525	532		
	549	557		

(8) CONSTRUCTION:

Was a surface sanitary seal provided? ☐ Yes ☒ No To what depth _____ ft.Were any strata sealed against pollution? ☐ Yes ☒ No If yes, note depth of strata _____

From _____ ft. to _____ ft.

Method of Sealing CONFIDENTIAL - NOT FOR PUBLIC RELEASE

(9) WATER LEVELS:

Depth at which water was first found 212 ft.Standing level before perforating 180 ft.Water level after perforating 130 ft.

(10) WELL TESTS:

Was a pump test made? ☐ Yes ☒ No If yes, by whom? S.D. Pump

Yield: _____ gal./min. with _____ ft. draw down after _____ hrs.

Temperature of water _____ Was a chemical analysis made? ☐ Yes ☒ NoWas electric log made of well? ☐ Yes ☒ No

Do Not Fill In

N^o 28762State Well No. 18S/2W-25D1

Other Well No. _____

(11) WELL LOG:

Total depth 318 ft. Depth of completed well 725' 10" ft.

Formation: Describe by color, character, size of material, and structure.

0	ft. to	8	ft.	Adobe, top soil
8	18			Adobe & rocks red
18	91			Yellow clay base rocks boulders
91	105			Yellow clay, sandy
105	116			Rocks
116	130			Conglomerate, sand gravel & clay
130	185			Fine silt, clay base
185	193			Black sand, sea shells, consolidated. Dry
193	201			Fine sand, silt, loose black clay
201	212			Sand stone floaters, dry
212	232			Silt, sand clay & shells
232	275			Shale, embeded shells
275	286			Silt
286	318			Mud
318	328			Fine silt, sand and shell decayed wood.
328	391			Sticky dry mud
391	397			Shells, decayed wood
397	401			Cong. shells, sandstone ledge
401	430			Mud
430	433			Shale MICROFILMEI
433	462			Mud
462	503			Mud, few small rocks, some shell embeded, firm dry.
503	525			Mud
525	532			Blue granite sand, small black pea gravel, some shells
532	549			Finer sand, clay
549	553			Coarse and fine sand small pea gravel & shell
553	565			Blue bentonite clay dry
565	578			Clay sand
578	582			Blue clay, fine sand
582	600			White clay, fine sand, very hard dry & sticky
600	612			Grey clay, sand, dry, 1/20
				Completed 4/16 58

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME San Diego Pump and Well Drillers

(Person, firm, or corporation) (Typed or printed)

Address P. O. Box 993

Chula Vista, Calif.

[SIGNED] [Signature] Well DrillerLicense No. 160313 Dated 4/22, 19 58

95089 3-54 SOM QUIN © SPO

DWR FORM NO. 246 (REV. 3-54)

MAP ID

25

17501W35J0015

Do Not Fill In

ORIGINAL
File with DWR

JAN 28 1974

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

No 83403

State Well No.

Other Well No.

(1) OWNER: Name City of Chula Vista Address P.O. Box 1087 Chula Vista, Calif. 92012					(11) WELL LOG: Total depth 64 ft. Depth of completed well 65 ft. Formation: Describe by color, character, size of material, and structure 0 ft. to 6" ft. Dark Brown Soil 6" ft. to 1'6" ft. Clean Brown Sand 1'6" ft. to 25ft. Brown Sand Course 25 ft. to 37 1/2 ft. Dark Brown Clay 37 1/2 ft. to 43 1/2 ft. Dark Brown Sand & Wood & Cobbles 43 1/2 ft. to 55 ft. Hard Boulders 55 ft. to 64 ft. Brown Sand and Gravel 64 ft. to 66 ft. Boulder 66 ft. to Metamorphosed Sand Stone, River Bottom				
(2) LOCATION OF WELL: City Chula Vista County San Diego Township, Range, and Section N.E. of Pond at Intersection of Bonita Rd. & Otay Lake Rd. Chula Vista, Calif.					(3) TYPE OF WORK (check): New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Destroying <input type="checkbox"/> If destruction, describe material and procedure in Item 11.				
(4) PROPOSED USE (check): Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Municipal <input type="checkbox"/> Irrigation <input checked="" type="checkbox"/> Test Well <input type="checkbox"/> Other <input type="checkbox"/>					(5) EQUIPMENT: Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Other <input type="checkbox"/>				
(6) CASING INSTALLED: STEEL: SINGLE <input checked="" type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER: <input type="checkbox"/> If gravel packed From ft. To ft. Diam. Gage or Wall Diameter of Bore From ft. To ft. 0 55 10" .250 Size of shoe or well ring: None Size of gravel: Describe joint: Welded					Pump test Drawdown curve 58' 451 GPM 50' 393 GPM 42' 332 GPM 34' 275 GPM 25' 205 GPM				
(7) PERFORATIONS OR SCREEN: Type of perforation or name of screen Johnson Stainless Steel From ft. To ft. Perf. per row Rows per ft. Size in. x in. 54 64 # 80 Slot Wire Wound 10" Telescope Type inside opening at top 8 3/4" Neoprene Packer top.					CONFIDENTIAL - NOT FOR PUBLIC RELEASE				
(8) CONSTRUCTION: Was a surface sanitary seal provided? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> To what depth ft. Were any struts sealed against pollution? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, note depth of struts From ft. to ft. From ft. to ft. Method of sealing					Work started Dec 4 1973, Completed Jan 28 1974 WELL DRILLER'S STATEMENT: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. NAME Acme Drilling Co. (Person, firm, or corporation) (Typed or printed) Address P.O. Box 835, Valley Center, Ca. 92082 [SIGNED] W.F. Dougherty License No. 174287 Dated Jan 31, 1974				
(9) WATER LEVELS: Depth at which water was first found, if known 9 ft. Standing level before perforating, if known ft. Standing level after perforating and developing 6 ft.									
(10) WELL TESTS: Was pump test made? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, by whom? Acme Drilling Yield: 401 gal./min. with 57 ft. drawdown after 8 hrs. Temperature of water Was a chemical analysis made? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Was electric log made of well? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, attach copy									

ATION OF WELL ON REVERSE SIDE

OVER

DWR 1



25179-350 9-68 50M TRIP ΔD OSP

MAP ID

25

17501W35J0015

Do Not Fill In

ORIGINAL
File with DWR

JAN 28 1974

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

No 83403

State Well No.

175-1W-35J1

Other Well No.

(1) OWNER: Name City of Chula Vista Address P.O. Box 1087 Chula Vista, Calif. 92012					(11) WELL LOG: Total depth 64 ft. Depth of completed well 65 ft. Formation: Describe by color, character, size of material, and structure 0 ft. to 6" ft. Dark Brown Soil 6" ft. to 1'6" ft. Clean Brown Sand 1'6" ft. to 25ft. Brown Sand Course 25 ft. to 37 1/2 ft. Dark Brown Clay 37 1/2 ft. to 43 1/2 ft. Dark Brown Sand & Wood & Cobbles 43 1/2 ft. to 55 ft. Hard Boulders 55 ft. to 64 ft. Brown Sand and Gravel 64 ft. to 66 ft. Boulder 66 ft. to Metamorphosed Sand Stone, River Bottom				
(2) LOCATION OF WELL: City Chula Vista County San Diego Township, Range, and Section N.E. of Pond at Intersection of Bonita Rd. & Otay Lake Rd. Chula Vista, Calif.					(3) TYPE OF WORK (check): New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Destroying <input type="checkbox"/> If destruction, describe material and procedure in Item 11.				
(4) PROPOSED USE (check): Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Municipal <input type="checkbox"/> Irrigation <input checked="" type="checkbox"/> Test Well <input type="checkbox"/> Other <input type="checkbox"/>					(5) EQUIPMENT: Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Other <input type="checkbox"/>				
(6) CASING INSTALLED: STEEL: SINGLE <input checked="" type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER: <input type="checkbox"/> If gravel packed From ft. To ft. Diam. Gage or Wall Diameter of Bore From ft. To ft. 0 55 10" .250 Size of shoe or well ring: None Size of gravel: Describe joint: Welded					Pump test Drawdown curve 58' 451 GPM 50' 393 GPM 42' 332 GPM 34' 275 GPM 25' 205 GPM				
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DWR 1



25179-350 9-68 50M TRIP ΔD OSP